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30 March 2012

Mr. Jonathan S. Davis
Remediation Program Manager
HQ AFCEE/MMR
322 E. Inner Road
Otis ANG Base, MA 02542-5028

SUBJECT: AFCEE 4P FA8903-08-D-8769; Task Order 0300
MMR SPEIM/LTM/O&M Program
CDRL #A001j
Ashumet Valley 2011 Summary Letter Report

Dear Mr. Davis:

The purpose of this Summary Letter Report (SLR) is to document the results of sampling activities conducted at the Ashumet Valley plume under the System Performance and Ecological Impact Monitoring (SPEIM) program during the 2011 calendar year. This deliverable contains no detailed assessment or evaluation of the results, but is a means of documenting all the actions completed under the Ashumet Valley SPEIM program. The data collected under the SPEIM program are continually assessed and the results of these assessments are presented initially during the Technical Update Meetings and then through Technical Memoranda or Project Note deliverables, if warranted, based on the results of the data evaluation or to address particular plume issues.

This letter report includes a summary of the activities performed and the data collected for the Ashumet Valley SPEIM program between 01 January 2011 and 31 December 2011. The contaminants of concern (COCs) for the Ashumet Valley plume are the volatile organic compounds (VOCs) tetrachloroethene (PCE) and trichloroethene (TCE), as well as the inorganics manganese and thallium (AFCEE 2009). The Ashumet Valley remedial system consists of: (1) an extraction, treatment, and infiltration (ETI) remedial system; and (2) a leading edge extraction, treatment, and discharge (ETD) remedial system. Both systems are designed to remediate the PCE and TCE groundwater plume ([Figure 1](#)). The Ashumet Valley groundwater plume is defined as groundwater containing the COCs PCE and/or TCE at concentrations above the Maximum Contaminant Level (MCL) of 5 micrograms per liter (µg/L) for each compound. Manganese and thallium concentrations, which are limited to an area immediately downgradient of the former source areas and to the west of Ashumet Pond, are expected to decrease to concentrations below clean up goals without active treatment (AFCEE 2010). The clean up goal for manganese is the U.S. Environmental Protection Agency

Health Advisory of 300 µg/L. The clean up goal for thallium is the MCL of 2 µg/L. A Long Term Monitoring (LTM) program for manganese and thallium was established at Ashumet Valley in 2011 (AFCEE 2011c). The first LTM event was conducted in May 2011 and the results are presented in this SLR.

The Ashumet Valley ETI system began operation on 22 November 1999 with three extraction wells, two treatment plants, and two infiltration trenches. The extraction wells are located along the axis of the plume between Route 151 and Hayway Road and were designed to extract 1,200 gallons per minute (gpm) from the aquifer. The treatment plants are located along Sandwich Road and each house two 20,000-pound (lb) granular activated carbon (GAC) vessels, arranged in series operation, to remediate the contaminated groundwater. The two infiltration trenches are aligned parallel to the long axis of the plume, each designed to return 600 gpm of treated water to the aquifer. One infiltration trench is located along Sandwich Road and the other trench is located along Currier Road ([Figure 1](#)).

On 18 May 2007, the ETI system was optimized and the operation of the two northernmost extraction wells (95EW0701 and 95EW0702) was discontinued, having substantially remediated the aquifer within their capture zones. The ETI system currently operates with one extraction well (95EW0703) processing 350 gpm through one of the two treatment plants (one treatment plant was taken out of service). The treated water is returned to the aquifer via the two infiltration trenches at 175 gpm each.

On 24 August 2009, the new leading edge treatment system began operation. It consists of an extraction well (95EW0704) pumping at 175 gpm, a mobile treatment unit (MTU) housing a GAC system, and a bubbler that discharges the treated water to the Backus River. In total, this new ETD system, combined with the original ETI system, are currently treating 525 gpm of contaminated groundwater.

The Air Force Center for Engineering and the Environment (AFCEE) installed the Ashumet Valley ETI system under an interim Record of Decision (ROD) (ANG 1995). The final remedy for Ashumet Valley, as specified in the *Final Record of Decision for the Ashumet Valley Groundwater Plume* (AFCEE 2009) consists of continued operation of the optimized ETI system, the addition and operation of the leading edge ETD system, LTM for the thallium and manganese area, and land use controls (LUC). A Final Explanation of Significant Differences was submitted in September 2011 that clarified the inclusion of monitored natural attenuation as a component of the selected remedy and updated the steps to achieve site closure (i.e., the three-step process) (AFCEE 2011a).

ASHUMET VALLEY SPEIM ACTIVITIES

The SPEIM program was developed to monitor plume changes and to ensure the effective operation of the AFCEE groundwater remediation systems at Massachusetts Military Reservation (MMR). These objectives are met through monitoring of selected media (i.e., groundwater, surface water) within and outside the plume boundaries, treatment plant monitoring, and groundwater flow and transport modeling. Activities completed for the Ashumet Valley SPEIM program during 2011 include the following:

SPEIM Sampling Activities:

- Annual SPEIM groundwater sampling for VOC analysis (August/September 2011).
- Triennial LTM groundwater sampling for manganese and thallium analysis (May 2011).
- Surface water and irrigation system sampling at the Backus River during the cranberry growing season (June and August 2011).
- Recreational beach area surface water sampling (April 2011).
- One-time sampling of select monitoring wells to provide supplemental monitoring data to support plume characterization (95MW1234C in October 2011, 95MW1170B in November 2011; and 30MW0585A,B in December 2011).
- Monthly treatment plant sampling (January 2011 through December 2011).
- Recording of daily average treatment system flow rates (January 2011 through December 2011).
- Cranberry sampling was not required during 2011 based on the 2011 surface water monitoring results presented in this SLR and the current agreement with the stakeholder group where cranberry sampling is not required if concentrations of PCE and TCE in surface water at these bogs remain below the MCL of 5 µg/L.

The groundwater and surface water locations sampled for the Ashumet Valley SPEIM program in 2011 are presented on [Figure 2](#) and [Figure 3](#), respectively. Well construction and surface water sample location information is included in [Table 1](#). The current approved Ashumet Valley SPEIM network is presented in the *Comprehensive Long Term Monitoring Plan*, which is available from AFCEE.

Groundwater analytical results for PCE and TCE are presented in [Table 2](#). [Table 3](#) presents a summary of the manganese and thallium LTM results. [Table 4](#) contains a summary of the surface water sampling results. A map showing the distribution of PCE and TCE detections in groundwater is included as [Figure 4](#) and a map showing the distribution of manganese and thallium in groundwater is included as [Figure 5](#). [Table 5](#) includes sampling results from the Backus River cranberry bog irrigation system. A comparison of compounds detected in groundwater, surface water, and treatment plant samples to applicable standards is included in [Attachment A](#).

Drilling Activities:

- Direct push data gap investigation activities in March/April 2011 (locations 95DP0226 through 95DP0229).
- Direct push data gap investigation activities in December 2011/January 2012 (locations 95DP0230 through 95DP0234).

Direct push drilling locations are shown on [Figure 2](#), location information is included in [Table 1](#), and analytical results for PCE and TCE are presented in [Attachment B](#).

Data Summary Report:

The data summary report for the analytical data reported in this SLR is included in [Attachment C](#).

Presentations:

Presentations for the Ashumet Valley plume are listed in [Table 6](#).

Project Note Submittal:

The project note related to activities conducted for the Ashumet Valley plume under the SPEIM program in 2011 is included in [Attachment D](#).

Report Submittals:

- *Ashumet Valley 2010 Summary Letter Report* submitted in March 2011 (AFCEE 2011b)

Major Events and Optimizations:

Optimization activities are completed as part of the SPEIM program in order to improve the performance of the remedial systems and to improve the monitoring program.

During 2011, the Ashumet Valley plume boundary was updated using data collected during the routine SPEIM events, as well as data collected during data gap investigations (AFCEE 2012). Plume characterization data were collected through the use of the AFCEE direct push drilling rig to the south of the southern extent of the plume (March /April 2011); in the area of the northern plume boundary (December 2011); and to the north-northeast of 95EW0704 (December 2011/January 2012). Based on the updated plume boundary presented in [Figure 1](#), the LUC boundary was also updated ([Attachment D](#)).

Based on the first round of data collected under the manganese and thallium LTM program in May 2011, it was determined that monitoring for thallium is no longer needed; therefore the Ashumet Valley SPEIM/LTM network was optimized by removing monitoring for thallium (AFCEE 2012).

At the time of the preparation of this SLR, optimization evaluations for both the ETI and ETD systems are underway. Extraction well flow testing is being performed at 95EW0703 with the objective of gathering system optimization data to evaluate an optimal flow rate for this well. The optimization plan for this flow testing is included in [Attachment D](#). Further data gap investigation activities are being planned in the area to the north-northeast of 95EW0704 with the objective of gathering sufficient data to complete an optimization evaluation for the ETD system. The results of both of these optimization efforts will be presented at Technical Update Meetings during 2012.

ASHUMET VALLEY REMEDIAL STATUS UPDATE

Analytical results for samples collected at the Ashumet Valley ETI System Treatment Plant A are presented in [Table 7a](#); results from the ETD System MTU are presented in [Table 7b](#). Average weekly flow rates for the Ashumet Valley remedial systems are presented in [Table 8](#). Treatment system operational downtimes or deviations (for events lasting two hours or longer) between January 2011 and December 2011 are summarized in [Table 9](#). Mass removal calculations through December 2011 for the Ashumet Valley remedial systems are presented in [Table 10](#).

The most recent plume shells for the Ashumet Valley plume include data collected through February 2008 (AFCEE 2008). The 2008 Ashumet Valley plume shells are estimated to contain approximately 2.2 billion gallons of dissolved-phase PCE contaminated groundwater and 933 million gallons of dissolved-phase TCE contaminated groundwater. Since the PCE and TCE plumes at Ashumet Valley are largely overlapping and the PCE plume is larger, the total volume of contaminated groundwater is close to the 2.2 billion gallons reported for PCE. The 2008 Ashumet Valley plume shells are estimated to contain approximately 186 lbs of PCE and 57 lbs of TCE at concentrations above the MCL in the dissolved phase.

The Ashumet Valley ETI system removed approximately 6.1 lbs of PCE and 3.1 lbs of TCE between January 2011 and December 2011. During this period, approximately 152 million gallons of groundwater were treated by the Ashumet Valley ETI system.

The leading edge ETD system removed approximately 1.13 lbs of PCE and 0.30 lbs of TCE between January 2011 and December 2011. During this period, approximately 91 million gallons of groundwater were treated at the MTU.

In total, since system startup, the ETI and ETD systems have removed approximately 328 lbs of PCE and TCE through the treatment of approximately 5.3 billion gallons of groundwater.

The operation of the Ashumet Valley ETI and ETD systems used approximately 386 and 139 megawatt hours of electricity during 2011, respectively. Power plant air emissions associated with this power generation for 2011 and since system startup for the ETI and ETD systems are presented in [Tables 11a](#) and [11b](#). Green energy purchases and power production from AFCEE's wind turbines are incorporated into these air emissions data.

The Ashumet Valley remedial system is currently operating according to the 2009 Scenario 01 pumping configuration; 95EW0703 at 350 gpm and 95EW0704 at 175 gpm. Based on the modeling presented in the final ROD (AFCEE 2009) using the 2008 Ashumet Valley plume shells and assuming continued operation of 95EW0703 at 350 gpm and 95EW0704 at 175 gpm, transport model simulations predict that each of the remedial systems could be shut down by approximately 2018 and PCE and/or TCE concentrations reach MCLs by 2019 near the ETI System and by 2021 at the southern extent of the plume near the ETD system. Through the SPEIM program, the Conceptual Site Model is routinely updated and the remedial system operation is continuously

evaluated and optimized to reduce cleanup times, therefore the timeframes presented in this section may be decreased in future scenarios.

ASHUMET VALLEY SPEIM ACTIVITIES PLANNED FOR 2012

Activities currently planned for the Ashumet Valley SPEIM program for 2012 include the following:

- Annual (August 2012) SPEIM groundwater sampling.
- Ashumet Valley SPEIM data presentations.
- Completion of optimization evaluations for 95EW0703 and 95EW0704.
- Synoptic water level measurements (as needed).
- Monthly treatment plant sampling (January 2012 through December 2012).
- Recording of daily average treatment system flow rates (January 2012 through December 2012).
- Recreational beach area surface water sampling (April 2012).
- Backus River surface water and irrigation system sampling during the 2012 cranberry growing season (June 2012 and August 2012).
- LUC Program private well verification surveys and sampling (as needed).

If you have any questions or comments, please contact Rose Forbes at (508) 968-4670, extension 5613.

Sincerely,

CH2M HILL



Patricia de Groot P.G.
Program Manager

Attachments:

<u>Figure 1</u>	Ashumet Valley Groundwater Plume and Treatment Systems
<u>Figure 2</u>	Ashumet Valley Groundwater Monitoring and Drilling Locations
<u>Figure 3</u>	Ashumet Valley Surface Monitoring Locations
<u>Figure 4</u>	Ashumet Valley 2011 PCE/TCE Detections in Groundwater
<u>Figure 5</u>	Ashumet Valley 2011 Manganese and Thallium Detections in Groundwater
<u>Table 1</u>	Ashumet Valley Well Construction, Drilling, and Surface Water Sampling Information
<u>Table 2</u>	Ashumet Valley Groundwater Monitoring Results
<u>Table 3</u>	Ashumet Valley Manganese and Thallium LTM Results
<u>Table 4</u>	Ashumet Valley Surface Water Monitoring Results
<u>Table 5</u>	Summary of Analytical Results for Irrigation Water Sources at Backus River Cranberry Bogs
<u>Table 6</u>	Ashumet Valley Meeting Presentations
<u>Table 7a</u>	Ashumet Valley ETI System Sampling Results
<u>Table 7b</u>	Ashumet Valley ETD System Sampling Results

<u>Table 8</u>	Ashumet Valley Treatment System Flow Rates
<u>Table 9</u>	Ashumet Valley Treatment System Downtime Summary
<u>Table 10</u>	Ashumet Valley Remedial System Mass Removal Summary
<u>Table 11a</u>	Ashumet Valley ETI System Electrical Consumption and Associated Air Emissions
<u>Table 11b</u>	Ashumet Valley ETD System Electrical Consumption and Associated Air Emissions
<u>Attachment A</u>	Comparison of Detected Concentrations in Ashumet Valley Groundwater, Surface Water, and Treatment Plant Samples to Applicable Groundwater and Surface Water Standards
<u>Attachment B</u>	Direct Push Groundwater Vertical Profile Results
<u>Attachment C</u>	Ashumet Valley 2011 SLR Data Summary Report
<u>Attachment D</u>	Ashumet Valley Project Note

* c: Rose Forbes, AFCEE/MMR
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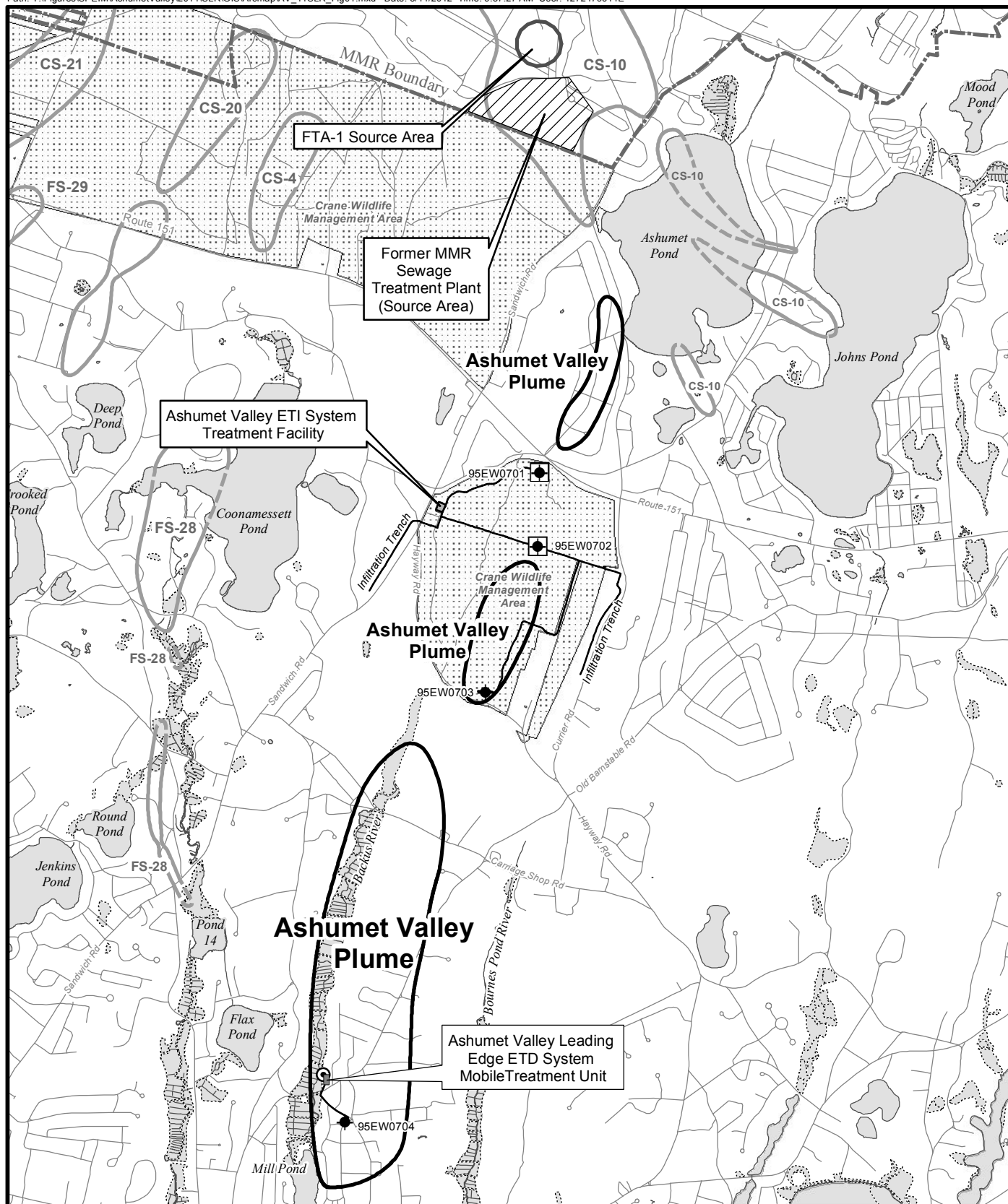
Mark Kasprzyk, Town of Falmouth Conserv. Administrator
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 Jeff Lafleur, Cape Cod Cranberry Growers Association
 Brian Handy, Handy Cranberry Trust
 CH2M HILL Document Control & Distribution

* Delivery via email.

REFERENCES

- AFCEE (Air Force Center for Engineering and the Environment). 2012 (March). *Ashumet Valley 2011 Triennial/Annual SPEIM Data Presentation Project Note*. 420005-SPEIM-AVP-PRJNOT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.
- _____. 2011a (September) *Final Explanation of Significant Differences for the Installation Restoration Program Groundwater Plumes at the Massachusetts Military Reservation*. 404929-SPEIM-MULTIPLE-RPT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.
- _____. 2011b (March). *Ashumet Valley 2010 Summary Letter Report*. 404929-SPEIM-AVP-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.
- _____. 2011c (March). *Ashumet Valley 2010 Annual/Semiannual SPEIM Data Presentation (October 2009 through July 2010) and Network Optimization Project Note*. 404929-SPEIM-AVP-PRJNOT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.
- _____. 2010 (September). *Ashumet Valley Groundwater Plume Conceptual Site Model*. 404929-SPEIM-AVP-CSM-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.
- _____. 2009 (June). *Final Record of Decision for the Ashumet Valley Groundwater*. A4P-J23-35BC02VA-M26-0015. Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.
- _____. 2008 (June). *Ashumet Valley 2008 Data Gap Investigation and Plume Shell Update Project Note*. 371335-SPEIM-AVP-PRJNOT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.
- ANG (Air National Guard). 1995 (September). *Final Record of Decision for Interim Action of Seven Groundwater Plumes at Massachusetts Military Reservation, Cape Cod, Massachusetts*. Prepared by Stone & Webster, Environmental Technology and Services for ANG MMR Installation Restoration Program, Otis Air National Guard Base, MA.

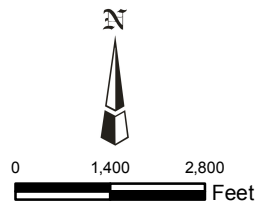
FIGURES



Legend

- Ashumet Valley Plume Boundary
- Other Plume Boundary (Dashed Where Inferred)
- Massachusetts Military Reservation Boundary
- Remedial System Pipeline and Treatment Plant

- Discharge Bubbler
- Extraction Well (On)
- Extraction Well (Off)
- Crane Wildlife Management Area
- Bog/Wetland



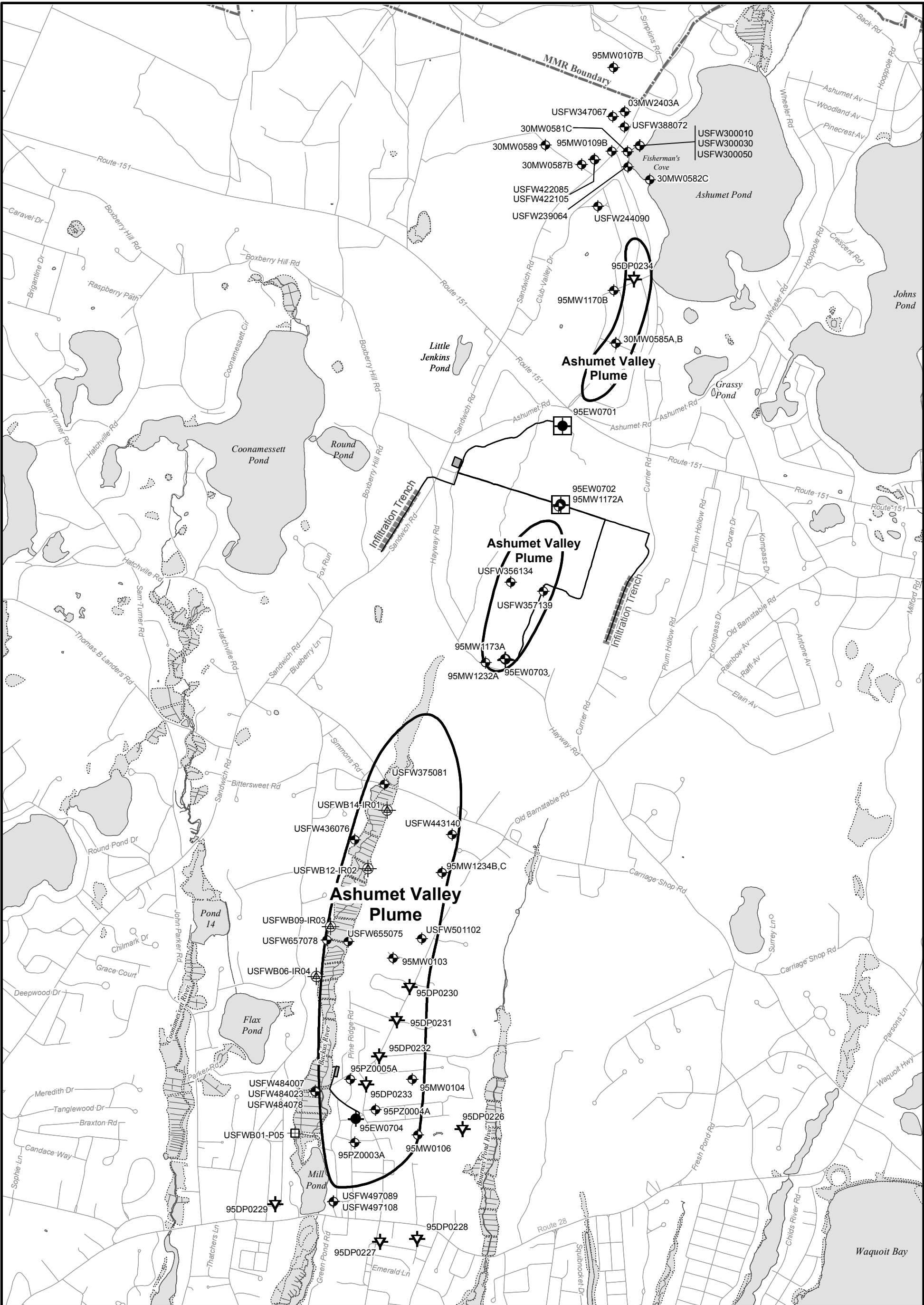
Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

FIGURE 1

ASHUMET VALLEY GROUNDWATER PLUME AND TREATMENT SYSTEMS

AFCEE - Massachusetts Military Reservation
Ashumet Valley 2011 Summary Letter Report

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Data Source: AFCEE March 2012, AFCEE - MMR Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

Legend

- | | | | |
|--|--|--|--|
| | Massachusetts Military Reservation Boundary | | Extraction Well (On) |
| | Remedial System Pipeline and Treatment Plant | | Extraction Well (Off) |
| | Plume Boundary | | Monitoring Well |
| | Bog/Wetland | | Irrigation System (Groundwater Source) |
| | | | Irrigation System (Surface Water Source) |
| | | | Direct Push Drilling Location |

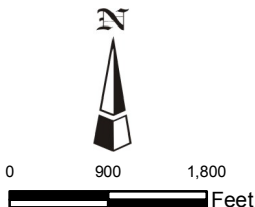


FIGURE 2

ASHUMET VALLEY GROUNDWATER MONITORING AND DRILLING LOCATIONS

AFCEE - Massachusetts Military Reservation
Ashumet Valley 2011 Summary Letter Report



Data Source: AFCEE March 2012, AFCEE - MMR Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

- Legend**
- Massachusetts Military Reservation Boundary
 - Plume Boundary
 - ▨ Bog/Wetland
 - ⊙ Surface Water Sampling Location

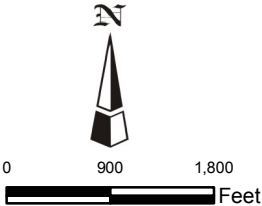
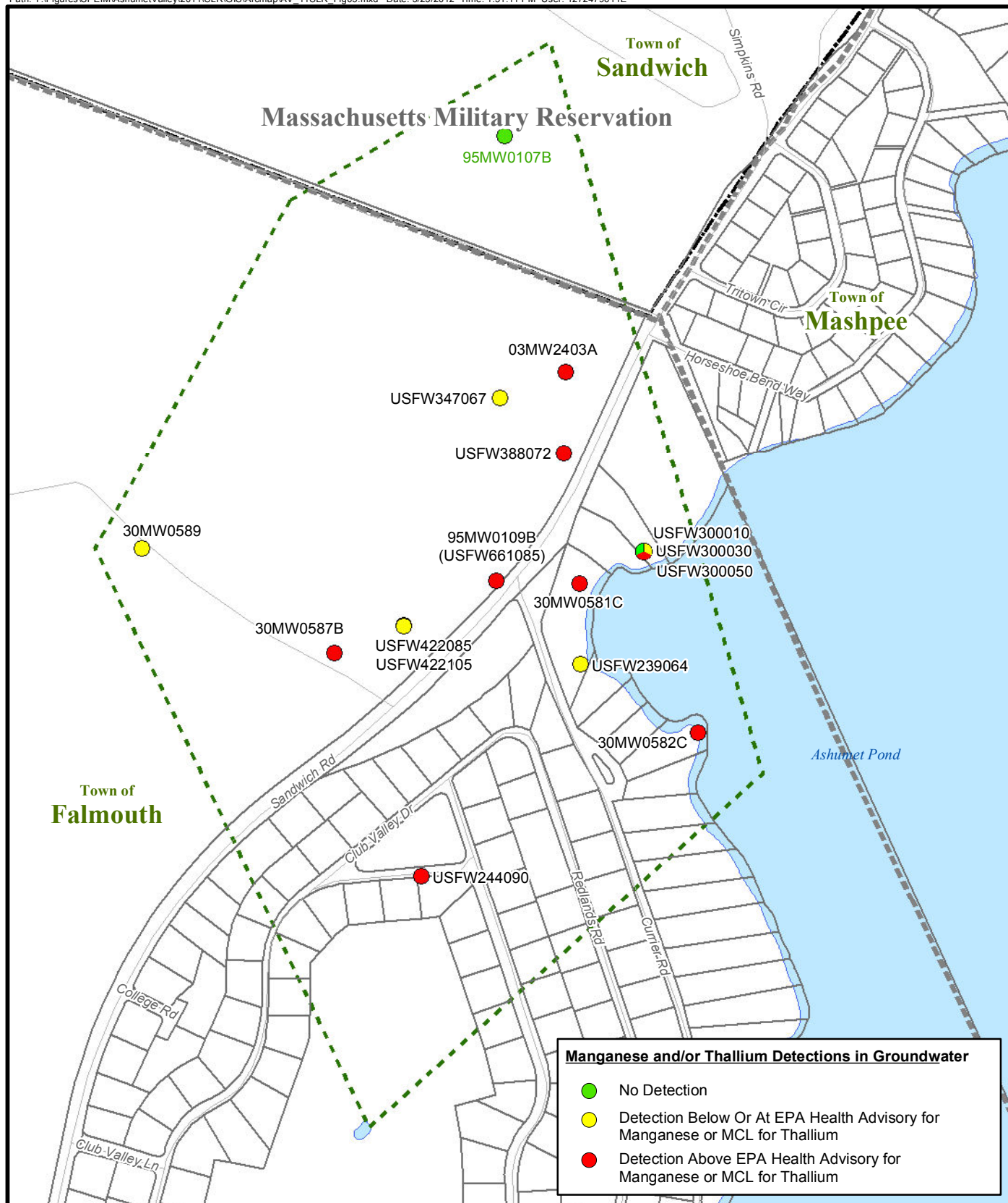


FIGURE 3

**ASHUMET VALLEY SURFACE
WATER MONITORING LOCATIONS**

AFCEE - Massachusetts Military Reservation
Ashumet Valley 2011 Summary Letter Report



Manganese and/or Thallium Detections in Groundwater

- No Detection
- Detection Below Or At EPA Health Advisory for Manganese or MCL for Thallium
- Detection Above EPA Health Advisory for Manganese or MCL for Thallium

Legend

- Massachusetts Military Reservation Boundary
- Thallium/Manganese LTM Area
- Town Boundary

Data Source: AFCEE, March 2012, MMR-AFCEE Data Warehouse

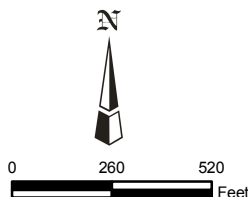


FIGURE 5

**ASHUMET VALLEY 2011
MANGANESE AND THALLIUM
DETECTIONS IN GROUNDWATER**

AFCEE - Massachusetts Military Reservation
Ashumet Valley 2011 Summary Letter Report

TABLES

Table 1
Ashumet Valley Well Construction, Drilling, and Surface Water Sampling Information
Ashumet Valley 2011 Summary Letter Report

Location	Northing (ft)	Easting (ft)	Surface Elevation (ft msl)	Measuring Point Elevation (ft msl)	Total Well Depth (ft bgs)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Screen Length (ft)
03MW2403A	233460	862060	69	71.83	118	-44.38	-49.38	5
30MW0581C	232696	862111	56	55.27	89	-28.35	-33.35	5
30MW0582C	232159	862537	46	48.23	38	13.31	8.31	5
30MW0585A	229028	861887	81	80.81	124	-38.03	-42.03	4
30MW0585B	229025	861883	81	80.57	99	-12.65	-17.65	5
30MW0587B	232447	861227	84	87.12	118	-28.28	-33.48	5
30MW0589	232824	860535	95	97.41	78	22.07	17.07	5
95DP0226	213921	858945	38	N/A	N/A	N/A	N/A	N/A
95DP0227	211764	857363	38	N/A	N/A	N/A	N/A	N/A
95DP0228	211824	858072	36	N/A	N/A	N/A	N/A	N/A
95DP0229	212487	855349	38	N/A	N/A	N/A	N/A	N/A
95DP0230	216650	857927	48	N/A	N/A	N/A	N/A	N/A
95DP0231	216009	857684	47	N/A	N/A	N/A	N/A	N/A
95DP0232	215318	857345	45	N/A	N/A	N/A	N/A	N/A
95DP0233	214777	857095	33	N/A	N/A	N/A	N/A	N/A
95DP0234	230229	862236	66	N/A	N/A	N/A	N/A	N/A
95EW0701	227437	860865	78	72.49	222	-64.28	-139.28	75
95EW0702	225928	860828	75	69.34	231	-52.83	-150.63	98
95EW0703*	222957	859763	67	60.89	229	-107.90	-122.20	14
	222957	859763	67	60.89	229	-130.60	-157.10	27
95EW0704	214151	856898	38	37.50	103	-45.40	-60.40	15
95MW0103	217228	857613	50	49.86	180	-52.75	-57.75	5
95MW0104	214901	857982	45	44.42	321	-56.56	-61.56	5
95MW0106	213836	858088	42	41.29	175	-58.99	-63.99	5
95MW0107B	234310	861841	95	97.74	290	32.06	27.06	5
95MW0109B	232708	861809	57	57.06	85	-22.64	-27.64	5
95MW1170B	230030	861849	86	85.52	152	-61.26	-66.26	5
95MW1172A	225888	860785	76	75.28	265	-96.37	-106.37	10
95MW1173A	222972	859755	66	66.22	245	-114.98	-124.98	10
95MW1232A	222899	859388	67	66.28	200	-126.15	-131.15	5
95MW1234B	218862	858555	55	54.83	145	-84.81	-89.74	5
95MW1234C	218862	858555	55	54.85	280	-44.92	-49.74	5
95PZ0003A	213689	856875	40	39.09	96	-47.42	-52.42	5
95PZ0004A	214317	857275	44	43.57	91	-41.60	-46.60	5
95PZ0005A	214905	856793	39	39.04	112	-64.70	-69.70	5
95SW3000	214684	856128	N/A	N/A	N/A	N/A	N/A	N/A
95SW3001	216436	856382	N/A	N/A	N/A	N/A	N/A	N/A
95SW3002	217332	856360	N/A	N/A	N/A	N/A	N/A	N/A
95SW3003	218347	856889	N/A	N/A	N/A	N/A	N/A	N/A
95SW3004	219007	856959	N/A	N/A	N/A	N/A	N/A	N/A
95SW3005	219458	857046	N/A	N/A	N/A	N/A	N/A	N/A
95SW3006	219883	857169	N/A	N/A	N/A	N/A	N/A	N/A
95SW3007	220468	857420	N/A	N/A	N/A	N/A	N/A	N/A
95SWAP01	234344	864074	N/A	N/A	N/A	N/A	N/A	N/A
95SWAP02	232553	862149	N/A	N/A	N/A	N/A	N/A	N/A
95SWAP03	230246	862626	N/A	N/A	N/A	N/A	N/A	N/A
USFW239064	232406	862114	51	53.40	64	-9.72	-12.72	3
USFW244090	231643	861540	70	70.60	90	-17.70	-20.70	3

Table 1
Ashumet Valley Well Construction, Drilling, and Surface Water Sampling Information
Ashumet Valley 2011 Summary Letter Report

Location	Northing (ft)	Easting (ft)	Surface Elevation (ft msl)	Measuring Point Elevation (ft msl)	Total Well Depth (ft bgs)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Screen Length (ft)
USFW300010	232813	862342	47	48.23	10	39.30	37.30	2
USFW300030	232807	862344	47	48.64	30	19.49	17.49	2
USFW300050	232815	862348	47	48.62	50	-1.18	-3.18	2
USFW347067	233367	861824	60	60.37	67	-4.43	-7.43	3
USFW356134	224437	859873	65	66.77	134	-67.13	-68.43	1
USFW357139	224261	860493	71	71.69	139	-66.65	-68.65	2
USFW375081	220567	857446	29	30.16	81	-49.35	-51.35	2
USFW388072	233167	862054	69	70.11	72	-1.39	-3.39	2
USFW422085	232546	861477	73	74.45	85	-9.69	-11.69	2
USFW422105	232542	861478	73	74.31	105	-29.74	-31.74	2
USFW436076	219495	856880	25	25.97	76	-49.20	-51.20	2
USFW443140	219594	858747	59	59.49	140	-79.02	-81.02	2
USFW484007	214682	856118	12	14.24	7	7.01	5.01	2
USFW484023	214669	856116	12	14.90	24	-9.12	-11.12	2
USFW484078	214672	856117	12	14.94	79	-64.12	-66.12	2
USFW497089	212554	856464	34	35.34	89	-52.09	-54.09	2
USFW497108	212557	856467	34	35.25	109	-72.18	-74.18	2
USFW501102	217595	858160	51	52.23	102	-48.47	-50.47	2
USFW655075	217543	856747	19	18.51	75	-54.24	-56.15	2
USFW657078	217571	856340	19	18.51	78	-57.14	-59.10	2
USFWB01-P05	213871	855726	N/A	N/A	N/A	N/A	N/A	N/A
USFWB06-IR04	216881	856140	NA	NA	NA	NA	NA	NA
USFWB09-IR03	217837	856409	NA	NA	NA	NA	NA	NA
USFWB12-IR02	218947	857131	NA	NA	NA	NA	NA	NA
USFWB14-IR01	220069	857497	NA	NA	NA	NA	NA	NA

Data Source: AFCEE, March 2012, MMR-AFCEE Data Warehouse

Note:

* Extraction well screen length shortened between 13 and 28 August 2007 through installation of packers as a result of optimization.

Key:

bgs = below ground surface

ft = feet

msl = mean sea level

N/A = not applicable

NA = locations are irrigation wells; information not available.

Table 2
Ashumet Valley Groundwater Monitoring Results
Ashumet Valley 2011 Summary Letter Report

Location	Date	Laboratory Analyses		Water Quality Parameters					
		PCE (µg/L) MCL ¹ = 5	TCE (µg/L) MCL ¹ = 5	Temp (°C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
30MW0585A	11/21/2011	2.7	17	--	--	--	--	--	--
30MW0585B	12/1/2011	1.2	BRL	--	--	--	--	--	--
95EW0703	1/25/2011	3.7	2.3	--*	--*	--*	--*	--*	--*
95EW0703	2/25/2011	6.3	3.1	--*	--*	--*	--*	--*	--*
95EW0703	3/25/2011	4.8	2.6	--*	--*	--*	--*	--*	--*
95EW0703	4/25/2011	4.5	2.4	--*	--*	--*	--*	--*	--*
95EW0703	5/25/2011	4.7	2.5	10.64	5.89	3.07	153	179.2	2.8
95EW0703	6/27/2011	5.5	2.5	--*	--*	--*	--*	--*	--*
95EW0703	7/27/2011	6.1	2.4	--*	--*	--*	--*	--*	--*
95EW0703	8/25/2011	4.7	2.4	--*	--*	--*	--*	--*	--*
95EW0703	9/27/2011	5.2	2.7	--*	--*	--*	--*	--*	--*
95EW0703	10/27/2011	4.6	2.4	--*	--*	--*	--*	--*	--*
95EW0703	11/28/2011	4.2	2.3	10.78	5.98	4.48	145	193.5	0.1
95EW0703	12/27/2011	5.0	2.5	--*	--*	--*	--*	--*	--*
95EW0704	1/25/2011	1.3	BRL	--*	--*	--*	--*	--*	--*
95EW0704	2/25/2011	1.7	BRL	--*	--*	--*	--*	--*	--*
95EW0704	3/25/2011	1.7	BRL	--*	--*	--*	--*	--*	--*
95EW0704	4/25/2011	1.5	BRL	--*	--*	--*	--*	--*	--*
95EW0704	5/25/2011	1.4	BRL	11.48	5.31	9.58	144	304.3	0
95EW0704	6/27/2011	1.6	BRL	--*	--*	--*	--*	--*	--*
95EW0704	7/27/2011	1.9	BRL	--*	--*	--*	--*	--*	--*
95EW0704	8/25/2011	1.3	BRL	--*	--*	--*	--*	--*	--*
95EW0704	9/27/2011	1.5	BRL	--*	--*	--*	--*	--*	--*
95EW0704	10/27/2011	1.4	BRL	--*	--*	--*	--*	--*	--*
95EW0704	11/28/2011	1.2	BRL	11.6	5.47	9.8	123	195.7	0.1
95EW0704	12/27/2011	1.5	BRL	--*	--*	--*	--*	--*	--*
95MW0103	9/6/2011	BRL	ND	--	--	--	--	--	--
95MW0104	8/19/2011	2.6	BRL	--	--	--	--	--	--
95MW0106	8/19/2011	4.0	1.4	--	--	--	--	--	--
95MW1170B	11/21/2011	BRL	1.2	--	--	--	--	--	--
95MW1172A	8/19/2011	3.2	1.1	--	--	--	--	--	--
95MW1173A	8/23/2011	BRL	1.1	--	--	--	--	--	--
95MW1232A	8/19/2011	9.6	BRL	--	--	--	--	--	--
95MW1234B	10/24/2011	ND	ND	--	--	--	--	--	--
95MW1234C	8/19/2011	6.5	5.7	--	--	--	--	--	--
95PZ0003A	9/6/2011	ND	ND	--	--	--	--	--	--
95PZ0004A	9/6/2011	ND	ND	--	--	--	--	--	--
95PZ0005A	9/6/2011	BRL	BRL	--	--	--	--	--	--
USFW356134	8/23/2011	29.2	12.6	--	--	--	--	--	--
USFW357139	8/23/2011	42.2	9.7	--	--	--	--	--	--
USFW375081	8/16/2011	12	5.1	--	--	--	--	--	--
USFW436076	8/16/2011	7.8	3.9	--	--	--	--	--	--
USFW443140	8/16/2011	20	4.3	--	--	--	--	--	--
USFW484007	8/16/2011	ND	ND	--	--	--	--	--	--
USFW484023	8/16/2011	4.0	1.1	--	--	--	--	--	--
USFW484078	8/16/2011	3.9	2.3	--	--	--	--	--	--
USFW497089	8/16/2011	ND	ND	--	--	--	--	--	--
USFW497108	8/16/2011	2.2	BRL	--	--	--	--	--	--
USFW501102	8/16/2011	18.5	11.9	--	--	--	--	--	--
USFW655075	8/16/2011	1.2	2.4	--	--	--	--	--	--
USFW657078	8/16/2011	4.6	1.5	--	--	--	--	--	--

Data Source: AFCEE, February 2012; MMR-AFCEE Data Warehouse

Notes:

1. MCLs from Environmental Protection Agency (EPA) web page, <http://water.epa.gov/drink/contaminants/index.cfm#List>.

Bold values indicate MCL exceedances.

--: Sample collected through use of passive diffusion bag sampler; water quality parameter collection not performed.

--*: Water quality parameters were not collected.

Extraction wells 95EW0703 and 95EW0704 are sampled at the plant influent ports 95PLT01001 and 95PLT03001

Key:

BRL = below the reporting limit

°C = degrees Celsius

DO = dissolved oxygen

MCL = Maximum Contaminant Level

mg/L = milligrams per liter

mV = millivolts

ND = not detected

NM = not measured, parameters not collected.

NTU = nephelometric turbidity units

ORP = oxidation-reduction potential

PCE = tetrachloroethene

SpC = specific conductance

std = standard units

TCE = trichloroethene

Temp = temperature

µg/L = micrograms per liter

µS/cm = microsiemens per centimeter

Table 3
Ashumet Valley Manganese and Thallium LTM Results
Ashumet Valley 2011 Summary Letter Report

Location Identification	Sample Date	Total / Dissolved	Result (µg/L)	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turbidity (NTU)
Manganese Results									
03MW2403A	5/5/2011	Total	660	12.67	122	7.77	5.38	206.7	0
03MW2403A	5/5/2011	Dissolved	540	12.67	122	7.77	5.38	206.7	0
30MW0581C	5/10/2011	Total	300	12.31	119	5.34	5.7	64	2.9
30MW0581C	5/10/2011	Dissolved	310	12.31	119	5.34	5.7	64	2.9
30MW0582C	5/17/2011	Total	8200	13.43	263	0.43	6.06	209.4	0
30MW0582C	5/17/2011	Dissolved	8000	13.43	263	0.43	6.06	209.4	0
30MW0587B	5/3/2011	Total	370	13.95	113	8.44	5.61	196.1	0.6
30MW0587B	5/3/2011	Dissolved	370	13.95	113	8.44	5.61	196.1	0.6
30MW0589	5/3/2011	Total	32	16.29	107	10.75	5.43	206.9	0.7
30MW0589	5/3/2011	Dissolved	22	16.29	107	10.75	5.43	206.9	0.7
95MW0109B	5/4/2011	Total	400	13.86	113	0.32	5.7	142.3	5.6
95MW0109B	5/4/2011	Dissolved	400	13.86	113	0.32	5.7	142.3	5.6
USFW239064	5/4/2011	Total	190	12.68	202	0.19	6.32	101.3	0
USFW239064	5/4/2011	Dissolved	190	12.68	202	0.19	6.32	101.3	0
USFW244090	5/4/2011	Total	1300	13.17	123	0.2	5.98	161.5	0.9
USFW244090	5/4/2011	Dissolved	1200	13.17	123	0.2	5.98	161.5	0.9
USFW300030	5/6/2011	Total	2300	13.44	151	0.2	5.79	160.1	0.9
USFW300030	5/6/2011	Dissolved	2300	13.44	151	0.2	5.79	160.1	0.9
USFW300050	5/6/2011	Total	190	13.21	109	0.31	5.55	192.3	0
USFW300050	5/6/2011	Dissolved	140	13.21	109	0.31	5.55	192.3	0
USFW347067	5/5/2011	Total	110	12.16	126	0.13	6.24	-43.3	0
USFW347067	5/5/2011	Dissolved	120	12.16	126	0.13	6.24	-43.3	0
USFW388072	5/5/2011	Total	350	12.69	107	0.7	6.01	67.4	0
USFW388072	5/5/2011	Dissolved	360	12.69	107	0.7	6.01	67.4	0
USFW422105	5/3/2011	Total	290	13.56	115	6.37	5.72	180.9	0
USFW422105	5/3/2011	Dissolved	280	13.56	115	6.37	5.72	180.9	0
Thallium Results									
95MW0107B	5/5/2011	Total	ND	14.71	279	9.14	5.15	212.7	0
95MW0107B	5/5/2011	Dissolved	ND	14.71	279	9.14	5.15	212.7	0
USFW300010	5/6/2011	Total	ND	12.51	59	4.57	5.59	178.8	0.2
USFW300010	5/6/2011	Dissolved	ND	12.51	59	4.57	5.59	178.8	0.2
USFW300050	5/6/2011	Total	ND	13.21	109	0.31	5.55	192.3	0
USFW300050	5/6/2011	Dissolved	ND	13.21	109	0.31	5.55	192.3	0
USFW422085	5/3/2011	Total	BRL	14.71	137	0.53	5.91	170.8	1.2
USFW422085	5/3/2011	Dissolved	BRL	14.71	137	0.53	5.91	170.8	1.2

Data Source: AFCEE, February 2012, AFCEE MMR Data Warehouse

Notes:

Bold results indicate an exceedance of the EPA Health Advisory for manganese of 300 µg/L.
Maximum Contaminant Level for thallium = 2 µg/L.

Key:

BRL = below reporting limit

oC = degrees Celsius

DO = dissolved oxygen

mg/L = milligrams per liter

mV = millivolts

ND = not detected

NTU = nephelometric turbidity units

ORP = oxidation-reduction potential

std = standard units

SpC = specific conductance

Temp = temperature

µg/L = micrograms per liter

µS/cm = microsiemens per centimeter

Table 4
Ashumet Valley Surface Water Monitoring Results
Ashumet Valley 2011 Summary Letter Report

Location	Date Sampled	Laboratory Analyses		Water Quality Parameters					
		PCE (µg/L) AWQC ¹ = 1100	TCE (µg/L) AWQC ¹ = 190	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turbidity (NTU)
Backus River									
95SW3000	6/10/2011	ND	ND	17.61	117	14.01	5.99	214.4	0.9
	8/17/2011	ND	ND	14.60	110	10.95	6.97	177.7	0.5
95SW3001	6/10/2011	ND	ND	17.23	100	9.61	5.75	208.6	1
	8/17/2011	ND	ND	17.11	82	6.49	6.73	176.0	0.7
95SW3002	6/10/2011	BRL	BRL	18.12	102	14.24	6.15	194.4	3.9
	8/17/2011	BRL	ND	16.42	86	11.53	6.62	161.5	1.2
95SW3003	6/10/2011	BRL	BRL	18.67	106	14.48	6.13	185.3	1.6
	8/17/2011	1.5	BRL	15.50	89	10.22	6.43	171.3	1.4
95SW3004	6/10/2011	BRL	BRL	20.00	106	14.58	6.33	183.0	1.9
	8/17/2011	BRL	ND	18.21	92	11.48	6.43	153.6	8.7
95SW3005	6/10/2011	BRL	BRL	17.92	115	12.98	6.26	212.4	2.1
	8/17/2011	BRL	BRL	16.62	94	9.43	6.36	156.4	2.8
95SW3006	6/10/2011	BRL	BRL	19.05	122	14.63	6.26	216.3	1.3
	8/17/2011	BRL	ND	18.08	96	8.98	6.24	161.0	5.4
95SW3007	6/10/2011	1.8	BRL	13.24	136	5.08	5.54	132.0	5.8
	8/17/2011	BRL	ND	15.50	115	2.88	6.04	26.7	9.3
Ashumet Pond									
95SWAP01*	4/27/2011	ND	ND	14.43	107	11.44	6.81	159.2	0.0
95SWAP02*	4/27/2011	ND	ND	13.39	104	12.31	6.87	154.0	1.0
95SWAP03*	4/27/2011	ND	ND	12.57	114	12.09	6.85	151.4	1.2

Data Source: AFCEE, February 2012, AFCEE-MMR Data Warehouse

Notes:

1. AWQC = MassDEP Ambient Water Quality Criteria Standards, table at 310 CMR 40.1516(1) from MassDEP web page <http://www.mass.gov/dep/cleanup/laws/nrs07.pdf>.

* Surface water samples were collected from Ashumet Pond under the recreational beach monitoring program.

Key:

AWQC = MassDEP Ambient Water Quality Criteria
 BRL = below reporting limit
 °C = degrees Celsius
 DO = dissolved oxygen
 mg/L = milligrams per liter
 mV = millivolts
 ND = not detected
 NTU = nephelometric turbidity units

ORP = oxidation-reduction potential
 PCE = tetrachloroethene
 std = standard units
 SpC = specific conductance
 TCE = trichloroethene
 Temp = temperature
 µg/L = micrograms per liter
 µS/cm = microsiemens per centimeter

Table 5
Summary of Analytical Results for Irrigation Water Sources
at Backus River Cranberry Bogs
Ashumet Valley 2011 Summary Letter Report

Irrigation Water Source - Groundwater	Location Identifier	Date Sampled	PCE (µg/L) MCL¹ = 5	TCE (µg/L) MCL¹ = 5
Well east of bog 14	USFWB14-IR01	8/19/2011	8.8	3.8
Well east of bog 12	USFWB12-IR02	8/19/2011	8.5	3.9
Well west of bog 9	USFWB09-IR03	8/19/2011	ND	ND
Well west of bog 6	USFWB06-IR04	8/19/2011	ND	ND
Irrigation Water Source - Surface Water	Location Identifier	Date Sampled	PCE (µg/L) AWQC² = 1100	TCE (µg/L) AWQC² = 190
Pond south of bog 1	USFWB01-P05	8/19/2011	BRL	ND

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Notes:

1. MCLs from Environmental Protection Agency (EPA) web page, <http://water.epa.gov/drink/contaminants/index.cfm#List>.
2. AWQC: MassDEP Ambient Water Quality Criteria Standards, table at 310 CMR 40.1516(1) from MassDEP web page <http://www.mass.gov/dep/cleanup/laws/nrs07.pdf>.

Bold values indicate MCL exceedances.

Key:

AWQC = ambient water quality criteria

BRL = below the reporting limit

ND = not detected

MCL = Maximum Contaminant Level

PCE = tetrachloroethene

TCE = trichloroethene

µg/L = micrograms per liter

Table 6
Ashumet Valley Meeting Presentations
Ashumet Valley 2011 Summary Letter Report

Technical Update Meetings

16 March 2011	Ashumet Valley SPEIM Network Optimization Check In
11 May 2011	Ashumet Valley Leading Edge Data Gap Investigation
17 November 2011	Ashumet Valley 2011 Triennial/Annual SPEIM Data Presentation

MMR Cleanup Team (MMRCT)

No Presentations

Senior Management Board (SMB)

No Presentations

Conference

30 June 2011	Applying Green and Sustainable Remediation Principles to the Optimization of a Groundwater Pump and Treat System; <i>First International Symposium on Bioremediation and Sustainable Environmental Technologies</i> , Reno NV.
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Table 7a
Ashumet Valley ETI System Sampling Results
Ashumet Valley 2011 Summary Letter Report

Month of Event	Sample Date	Location Identification	Sample Location	Laboratory Analyses		Water Quality Parameters					
				PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)
Carbon was replaced in vessel CF101B on 20 January 2011. Following carbon replacement, vessel CF101A was aligned as the lead vessel and CF101B was aligned as the lag vessel.											
February	25-Jan-11	95PLT01001	Plant A Influent	3.7	2.3	--	--	--	--	--	--
	25-Jan-11	95PLT01002	Post-101A	ND	ND	--	--	--	--	--	--
	25-Jan-11	95PLT01004	Plant A Effluent	ND	ND	--	--	--	--	--	--
March	25-Feb-11	95PLT01001	Plant A Influent	6.3 J	3.1	--	--	--	--	--	--
	25-Feb-11	95PLT01002	Post-101A	ND	BRL	--	--	--	--	--	--
	25-Feb-11	95PLT01004	Plant A Effluent	ND	ND	--	--	--	--	--	--
April	25-Mar-11	95PLT01001	Plant A Influent	4.8	2.6	--	--	--	--	--	--
	25-Mar-11	95PLT01002	Post-101A	ND	BRL	--	--	--	--	--	--
	25-Mar-11	95PLT01004	Plant A Effluent	ND	ND	--	--	--	--	--	--
May	25-Apr-11	95PLT01001	Plant A Influent	4.5	2.4	--	--	--	--	--	--
	25-Apr-11	95PLT01002	Post-101A	BRL	BRL	--	--	--	--	--	--
	25-Apr-11	95PLT01004	Plant A Effluent	ND	ND	--	--	--	--	--	--
June	25-May-11	95PLT01001	Plant A Influent	4.7	2.5	10.64	153	3.07	5.89	179.2	2.8
	25-May-11	95PLT01002	Post-101A	BRL	BRL	10.67	153	2.28	5.90	234.7	0.1
	25-May-11	95PLT01004	Plant A Effluent	ND	ND	10.67	153	1.69	5.90	220.7	0.2
July	27-Jun-11	95PLT01001	Plant A Influent	5.5	2.5	--	--	--	--	--	--
	27-Jun-11	95PLT01002	Post-101A	BRL	BRL	--	--	--	--	--	--
	27-Jun-11	95PLT01004	Plant A Effluent	ND	ND	--	--	--	--	--	--
August	27-Jul-11	95PLT01001	Plant A Influent	6.1	2.4	--	--	--	--	--	--
	27-Jul-11	95PLT01002	Post-101A	1.1	1.1	--	--	--	--	--	--
	27-Jul-11	95PLT01004	Plant A Effluent	ND	ND	--	--	--	--	--	--
Carbon was replaced in vessel CF101A on 23 August 2011. Following carbon replacement, vessel CF101B was aligned as the lead vessel and CF101A was aligned as the lag vessel.											
September	25-Aug-11	95PLT01001	Plant A Influent	4.7	2.4	--	--	--	--	--	--
	25-Aug-11	95PLT01003	Post-101B	ND	ND	--	--	--	--	--	--
	25-Aug-11	95PLT01004	Plant A Effluent	ND	ND	--	--	--	--	--	--
October	27-Sep-11	95PLT01001	Plant A Influent	5.2	2.7	--	--	--	--	--	--
	27-Sep-11	95PLT01003	Post-101B	ND	BRL	--	--	--	--	--	--
	27-Sep-11	95PLT01004	Plant A Effluent	ND	BRL	--	--	--	--	--	--
November	27-Oct-11	95PLT01001	Plant A Influent	4.6	2.4	--	--	--	--	--	--
	27-Oct-11	95PLT01003	Post-101B	BRL	BRL	--	--	--	--	--	--
	27-Oct-11	95PLT01004	Plant A Effluent	ND	BRL	--	--	--	--	--	--
Carbon was replaced in vessel CF101B on 18 November 2011. Following carbon replacement, vessel CF101A was aligned as the lead vessel and CF101B was aligned as the lag vessel.											
December	28-Nov-11	95PLT01001	Plant A Influent	4.2	2.3	10.78	145	4.48	5.98	193.5	0.1
	28-Nov-11	95PLT01002	Post-101A	ND	BRL	NM ¹	NM ¹	NM ¹	NM ¹	NM ¹	NM ¹
	28-Nov-11	95PLT01004	Plant A Effluent	ND	ND	10.8	144	4.94	5.99	204	0.1
January	27-Dec-11	95PLT01001	Plant A Influent	5.0	2.5	--	--	--	--	--	--
	27-Dec-11	95PLT01002	Post-101A	ND	BRL	--	--	--	--	--	--
	27-Dec-11	95PLT01004	Plant A Effluent	ND	ND	--	--	--	--	--	--

Data Source: AFCEE, February 2012 MMR-AFCEE Data Warehouse

Notes:

Bold values indicate MCL exceedances.

NM¹ = water quality parameter collection at the midpoint sample port was omitted.

Influent sample results from Plant A sampling port 95PLT01001 equivalent to influent results at extraction well 95EW0703.

Water quality parameters (pH, temperature, DO, SpC, turbidity, and ORP) were measured semiannually at influent, post-GAC at each active GAC vessel, and plant effluent sampling locations. The measurements are collected using a flow-through cell and the Yellow Springs Instrument (YSI) water quality meter.

--: water quality parameters not collected.

Key:

BRL = below reporting limit

°C = degrees Celsius

DO = dissolved oxygen

ETI = extraction, treatment, and infiltration

J = estimated

mg/L = milligrams per liter

MCL = Maximum Contaminant Level

mV = millivolts

ND = not detected

NM = not measured

NTU = nephelometric turbidity units

ORP = oxidation-reduction potential

PCE = tetrachloroethene

SpC = specific conductance

std = standard units

TCE = trichloroethene

Temp = temperature

Turb = turbidity

µg/L = micrograms per liter

µS/cm = microsiemens per centimeter

Table 7b
Ashumet Valley ETD System Sampling Results
Ashumet Valley 2011 Summary Letter Report

Month of Event	Sample Date	Location Identification	Sample Location	Laboratory Analyses		Water Quality Parameters					
				PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)
February	25-Jan-11	95PLT03001	MTU Influent	1.3	BRL	--	--	--	--	--	--
	25-Jan-11	95PLT03002	Post GAC Train 1	BRL	BRL	--	--	--	--	--	--
	25-Jan-11	95PLT03003	Post GAC Train 2	ND	ND	--	--	--	--	--	--
	25-Jan-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--
March	25-Feb-11	95PLT03001	MTU Influent	1.7	BRL	--	--	--	--	--	--
	25-Feb-11	95PLT03002	Post GAC Train 1	BRL	BRL	--	--	--	--	--	--
	25-Feb-11	95PLT03003	Post GAC Train 2	ND	ND	--	--	--	--	--	--
	25-Feb-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--
April	25-Mar-11	95PLT03001	MTU Influent	1.7 J	BRL	--	--	--	--	--	--
	25-Mar-11	95PLT03002	Post GAC Train 1	BRL	BRL	--	--	--	--	--	--
	25-Mar-11	95PLT03003	Post GAC Train 2	ND	ND	--	--	--	--	--	--
	25-Mar-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--
May	25-Apr-11	95PLT03001	MTU Influent	1.5	BRL	--	--	--	--	--	--
	25-Apr-11	95PLT03002	Post GAC Train 1	BRL	BRL	--	--	--	--	--	--
	25-Apr-11	95PLT03003	Post GAC Train 2	ND	ND	--	--	--	--	--	--
	25-Apr-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--
June	25-May-11	95PLT03001	MTU Influent	1.4	BRL	11.48	144	9.58	5.31	304.3	0.0
	25-May-11	95PLT03002	Post GAC Train 1	BRL	BRL	11.47	144	9.73	5.19	332.1	0.2
	25-May-11	95PLT03003	Post GAC Train 2	ND	ND	11.50	144	9.89	5.21	339.9	0.0
	25-May-11	95PLT03005	MTU Effluent	ND	ND	11.53	143	9.72	5.22	341.2	0.1
July	27-Jun-11	95PLT03001	MTU Influent	1.6	BRL	--	--	--	--	--	--
	27-Jun-11	95PLT03002	Post GAC Train 1	BRL	BRL	--	--	--	--	--	--
	27-Jun-11	95PLT03003	Post GAC Train 2	ND	ND	--	--	--	--	--	--
	27-Jun-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--
August	27-Jul-11	95PLT03001	MTU Influent	1.9	BRL	--	--	--	--	--	--
	27-Jul-11	95PLT03002	Post GAC Train 1	BRL	BRL	--	--	--	--	--	--
	27-Jul-11	95PLT03003	Post GAC Train 2	ND	ND	--	--	--	--	--	--
	27-Jul-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--
September	25-Aug-11	95PLT03001	MTU Influent	1.3	BRL	--	--	--	--	--	--
	25-Aug-11	95PLT03002	Post GAC Train 1	BRL	ND	--	--	--	--	--	--
	25-Aug-11	95PLT03003	Post GAC Train 2	ND	ND	--	--	--	--	--	--
	25-Aug-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--
October	27-Sep-11	95PLT03001	MTU Influent	1.5	BRL	--	--	--	--	--	--
	27-Sep-11	95PLT03002	Post GAC Train 1	BRL	BRL	--	--	--	--	--	--
	27-Sep-11	95PLT03003	Post GAC Train 2	BRL	BRL	--	--	--	--	--	--
	27-Sep-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--
November	27-Oct-11	95PLT03001	MTU Influent	1.4	BRL	--	--	--	--	--	--
	27-Oct-11	95PLT03002	Post GAC Train 1	BRL	BRL	--	--	--	--	--	--
	27-Oct-11	95PLT03003	Post GAC Train 2	BRL	ND	--	--	--	--	--	--
	27-Oct-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--
December	28-Nov-11	95PLT03001	MTU Influent	1.2	BRL	11.60	123	9.80	5.47	195.7	0
	28-Nov-11	95PLT03002	Post GAC Train 1	BRL	BRL	NM ¹	NM ¹	NM ¹	NM ¹	NM ¹	NM ¹
	28-Nov-11	95PLT03003	Post GAC Train 2	BRL	ND	NM ¹	NM ¹	NM ¹	NM ¹	NM ¹	NM ¹
	28-Nov-11	95PLT03005	MTU Effluent	ND	ND	11.67	123	9.75	5.39	211.7	0

Table 7b
Ashumet Valley ETD System Sampling Results
Ashumet Valley 2011 Summary Letter Report

Month of Event	Sample Date	Location Identification	Sample Location	Laboratory Analyses		Water Quality Parameters					
				PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)
January	27-Dec-11	95PLT03001	MTU Influent	1.5	BRL	--	--	--	--	--	--
	27-Dec-11	95PLT03002	Post GAC Train 1	BRL	BRL	--	--	--	--	--	--
	27-Dec-11	95PLT03003	Post GAC Train 2	BRL	BRL	--	--	--	--	--	--
	27-Dec-11	95PLT03005	MTU Effluent	ND	ND	--	--	--	--	--	--

Data Source: AFCEE, February 2012 MMR-AFCEE Data Warehouse

Notes:

Influent sample results from MTU sampling port 95PLT03001 equivalent to influent results at extraction well 95EW0704.

NM¹ = water quality parameter collection at the midpoint sample port was omitted.

Water quality parameters (pH, temperature, DO, SpC, turbidity, and ORP) were measured in the influent and effluent semiannually at influent, post-GAC at each active GAC vessel, and plant effluent sampling locations. The measurements are collected using a flow-through cell and the Yellow Springs Instrument (YSI) water quality meter.

Key:

BRL = below reporting limit

°C = degrees Celsius

DO = dissolved oxygen

ETD = extraction, treatment, and discharge

J = estimated

mg/L = milligrams per liter

MCL = Maximum Contaminant Level

MTU = mobile treatment unit

mV = millivolts

ND = not detected

NM = not measured

NTU = nephelometric turbidity units

ORP = oxidation-reduction potential

PCE = tetrachloroethene

SpC = specific conductance

std = standard units

TCE = trichloroethene

Temp = temperature

Turb = turbidity

µg/L = micrograms per liter

µS/cm = microsiemens per centimeter

Table 8
Ashumet Valley Treatment System Flow Rates
Ashumet Valley 2011 Summary Letter Report

Week Ending	ETI System Weekly Average Flow Rate (gpm)	ETD System Weekly Average Flow Rate (gpm)	Weekly Average Infiltration Flow Rate (ETI System) (gpm)	ETI and ETD System Weekly Average Flow Rate (gpm)
5-Jan-11	337	175	337	512
12-Jan-11	335	175	335	510
19-Jan-11	255	175	255	431
26-Jan-11	314	175	314	489
2-Feb-11	333	175	333	508
9-Feb-11	233	175	233	408
16-Feb-11	0	175	0	175
23-Feb-11	87	175	87	262
2-Mar-11	214	175	214	389
9-Mar-11	279	175	279	454
16-Mar-11	352	175	352	527
23-Mar-11	355	175	355	530
30-Mar-11	355	175	355	530
6-Apr-11	351	175	351	526
13-Apr-11	352	175	352	527
20-Apr-11	308	175	308	483
27-Apr-11	336	175	336	511
4-May-11	346	175	346	521
11-May-11	133	175	133	308
18-May-11	348	175	348	522
25-May-11	349	175	349	524
1-Jun-11	350	175	350	525
8-Jun-11	300	175	300	475
15-Jun-11	350	175	350	525
22-Jun-11	319	175	319	494
29-Jun-11	346	175	346	521
6-Jul-11	345	174	345	519
13-Jul-11	341	174	341	515
20-Jul-11	338	174	338	512
27-Jul-11	194	176	194	370
3-Aug-11	339	175	339	514
10-Aug-11	344	175	344	519
17-Aug-11	343	175	343	519
24-Aug-11	294	175	294	469
31-Aug-11	132	115	132	247
7-Sep-11	170	175	170	345
14-Sep-11	341	175	341	516
21-Sep-11	272	175	272	447
28-Sep-11	339	175	339	514
5-Oct-11	337	175	337	512
12-Oct-11	331	175	331	506
19-Oct-11	279	175	279	454
26-Oct-11	319	175	319	494
2-Nov-11	336	175	336	511
9-Nov-11	334	175	334	509
16-Nov-11	333	175	333	508
23-Nov-11	184	175	184	359
30-Nov-11	334	175	334	509
7-Dec-11	213	175	213	388
14-Dec-11	185	175	185	360
21-Dec-11	197	175	197	372
28-Dec-11	200	175	200	375
Average Flow Rate (gpm)	289	174	289	463
Optimized Design Flow Rate (gpm) (2009 Scenario 01)	350	175	350	525
Percent of Optimized Design Rate	82%	99%	82%	88%

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Notes:

Any downtime due to routine and non-routine operations and maintenance activities is included in the average flow rates.

An optimization flow test at 95EW0703 was initiated on 01 December 2011 where the well was set to operate at 200 gpm for 2 months.

Key:

ETD = extraction, treatment, and discharge

ETI = extraction, treatment, and infiltration

gpm = gallons per minute

Table 9
Ashumet Valley Treatment System Downtime Summary
Ashumet Valley 2011 Summary Letter Report

Ashumet Valley ETI System		
Date	Hours Off-Line	Reason
1/20/2011	25.83	Carbon exchange CF101B.
2/7/2011	387.92	Shut down for well maintenance activities at 95EW0703.
2/28/2011	16.48	System off for shock treatment of header.
3/1/2011	62.08	System off for shock treatment of header.
4/17/2011	21.72	Plant tripped due to a power failure.
4/25/2011	7.75	95EW0703 communications failure.
5/6/2011	5.97	95EW0703 communications failure.
5/6/2011	3.42	95EW0703 communications failure.
5/6/2011	2.13	95EW0703 communications failure.
6/5/2011	21.22	Plant tripped off due to a power failure.
6/16/2011	2.58	Plant intentionally shut down for energy curtailment event.
6/21/2011	11.42	Plant tripped off due to a power failure.
7/22/2011	65.50	Plant intentionally shut down for energy curtailment event.
8/23/2011	24.08	Carbon exchange CF101A.
8/26/2011	94.50	Plant intentionally shut down for potential hurricane.
9/2/2011	106.27	Plant tripped due to a power failure at 95EW0703, blown fuse in well disconnect.
9/17/2011	31.72	Backwash CF101B.
10/12/2011	3.67	Decant, fill, backwash CF101B and NSTAR shut power off at 95EW0703 to install new disconnect.
10/16/2011	23.30	Plant tripped off due to a power failure.
10/19/2011	8.58	Plant tripped off due to a power failure.
11/18/2011	74.42	Carbon exchange CF101B.
12/12/2011	13.67	Plant intentionally shut down for energy curtailment event.
12/19/2011	2.50	Plant intentionally shut down for energy curtailment event.
Ashumet Valley Leading Edge ETD System		
Date	Hours Off-Line	Reason
8/26/2011	65.97	Plant intentionally shut down for potential hurricane.

Key:

ETI = extraction, treatment, and infiltration

ETD = extraction, treatment, and discharge

Table 10
Ashumet Valley Remedial System Mass Removal Summary
Ashumet Valley 2011 Summary Letter Report

Date	PCE		TCE	
	Incremental Mass (lbs)	Accumulated Mass (lbs)	Incremental Mass (lbs)	Accumulated Mass (lbs)
ETI System				
Jan-11	0.43	204.39	0.27	111.85
Feb-11	0.28	204.69	0.15	112.00
Mar-11	0.61	205.29	0.32	112.32
Apr-11	0.56	205.79	0.30	112.62
May-11	0.52	206.29	0.28	112.89
Jun-11	0.62	206.99	0.30	113.19
Jul-11	0.67	207.59	0.28	113.47
Aug-11	0.55	208.19	0.25	113.72
Sep-11	0.52	208.69	0.27	113.99
Oct-11	0.57	209.29	0.30	114.29
Nov-11	0.47	209.69	0.25	114.54
Dec-11	0.31	210.09	0.17	114.71
ETI System PCE Mass Removed (lbs) During Reporting Period (January 2011 - December 2011)				6.1
ETI System TCE Mass Removed (lbs) During Reporting Period (January 2011 - December 2011)				3.1
ETI System Total Mass Removed (PCE + TCE) (lbs) During Reporting Period (January 2011 - December 2011)				9.2
ETD System				
Jan-11	0.09	1.86	0.03	0.48
Feb-11	0.09	1.95	0.03	0.51
Mar-11	0.11	2.06	0.03	0.54
Apr-11	0.10	2.16	0.02	0.57
May-11	0.09	2.25	0.02	0.59
Jun-11	0.10	2.35	0.02	0.62
Jul-11	0.12	2.46	0.02	0.64
Aug-11	0.09	2.55	0.02	0.66
Sep-11	0.09	2.64	0.02	0.69
Oct-11	0.09	2.74	0.02	0.71
Nov-11	0.08	2.82	0.02	0.73
Dec-11	0.08	2.90	0.02	0.75
ETD System PCE Mass Removed (lbs) During Reporting Period (January 2011 - December 2011)				1.13
ETD System TCE Mass Removed (lbs) During Reporting Period (January 2011 - December 2011)				0.30
ETD System Total Mass Removed (PCE + TCE) (lbs) During Reporting Period (January 2011 - December 2011)				1.43
ETI/ETD System Combined PCE Mass Removed (lbs) Since Startup (November 1999 - December 2011)				213.0
ETI/ETD System Combined TCE Mass Removed (lbs) Since Startup (November 1999 - December 2011)				115.5
ETI/ETD System Combined Total Mass Removed (PCE + TCE) (lbs) Since Startup (November 1999 - December 2011)				328.4

Data Source: AFCEE, February 2012, AFCEE-MMR Data Warehouse

Key:

ETD = extraction, treatment, and discharge

ETI = extraction, treatment, and infiltration

lbs = pounds

PCE = tetrachloroethene

TCE = trichloroethene

Table 11a
Ashumet Valley ETI System Electrical Consumption and Associated Air Emissions
Ashumet Valley 2011 Summary Letter Report

		1/1/2011 to 12/31/2011	System Startup (11/1999) to 12/31/2011
Volume of Groundwater Treated (million gallons)		152	5,078
Groundwater COC Mass Removal (pounds)		9.2	324.9
Electrical Usage (MWh)		386	11,254
Estimated Air Emissions ¹ (based on electrical usage)	CO ₂ (tons)	253	9,294
	NO _x (lbs)	544	14,391
	PM-10 (lbs)	31	495
	SO ₂ (lbs)	1,451	14,426
	VOCs (lbs)	19	656
Estimated Reduction in Air Emissions due to Green Power Purchases ²	CO ₂ (tons)	126	474
	NO _x (lbs)	272	929
	PM-10 (lbs)	16	48
	SO ₂ (lbs)	726	2,083
	VOCs (lbs)	10	35
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation ³	CO ₂ (tons)	119	162
	NO _x (lbs)	257	348
	PM-10 (lbs)	15	20
	SO ₂ (lbs)	684	929
	VOCs (lbs)	9	12.2
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	CO ₂ (tons)	7	8,658
	NO _x (lbs)	16	13,114
	PM-10 (lbs)	0.9	427
	SO ₂ (lbs)	42	11,413
	VOCs (lbs)	0.5	609

Notes:

1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software (<http://www.abraxasenergy.com/metrix4.php>) and emission factors obtained from the following websites:

<http://www.csgnetwork.com/elecpowerpolcalc.html>
<http://www.metrixcentral.com/EmissionsCalculator/Emissions%20Factors%202004.pdf>

2) Emissions offset by purchases of electricity from renewable sources beginning 7/1/2008.

3) Emissions offset by operation of AFCEE-owned wind turbines beginning on 12/2/2009 (Wind I) and 11/1/2011 (Wind II).

Key:

COC = contaminant of concern

CO₂ = carbon dioxide

ETI = extraction, treatment, and infiltration

lbs = pounds

MMR = Massachusetts Military Reservation

MWh = megawatt hours

NO_x = nitrogen oxides

PM-10 = particulate matter with a diameter of 10 micrometers or less

SO₂ = sulfur dioxide

VOCs = volatile organic compounds

Table 11b
Ashumet Valley ETD System Electrical Consumption and Associated Air Emissions
Ashumet Valley 2011 Summary Letter Report

		1/1/2011 to 12/31/2011	System Startup (8/2009) to 12/31/2011
Volume of Groundwater Treated (million gallons)		91	209
Groundwater COC Mass Removal (pounds)		1.43	3.66
Electrical Usage (MWh)		139	315
Estimated Air Emissions ¹ (based on electrical usage)	CO ₂ (tons)	91	206
	NO _x (lbs)	196	444
	PM-10 (lbs)	11	25
	SO ₂ (lbs)	523	1,184
	VOCs (lbs)	7	16
Estimated Reduction in Air Emissions due to Green Power Purchases ²	CO ₂ (tons)	46	103
	NO _x (lbs)	98	222
	PM-10 (lbs)	6	13
	SO ₂ (lbs)	261	592
	VOCs (lbs)	3	8
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation ³	CO ₂ (tons)	43	56
	NO _x (lbs)	92	121
	PM-10 (lbs)	5	7
	SO ₂ (lbs)	246	322
	VOCs (lbs)	3.23	4.22
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	CO ₂ (tons)	3	47
	NO _x (lbs)	6	101
	PM-10 (lbs)	0.3	6
	SO ₂ (lbs)	15	271
	VOCs (lbs)	0.2	4

Notes:

1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software (<http://www.abraxasenergy.com/metrix4.php>) and emission factors obtained from the following websites:

<http://www.csgnetwork.com/elecpowerpolcalc.html>

<http://www.metrixcentral.com/EmissionsCalculator/Emissions%20Factors%202004.pdf>

2) Emissions offset by purchases of electricity from renewable sources beginning 7/1/2008.

3) Emissions offset by operation of AFCEE-owned wind turbines beginning on 12/2/2009 (Wind I) and 11/1/2011 (Wind II).

Key:

COC = contaminant of concern

CO₂ = carbon dioxide

ETD = extraction, treatment, and discharge

lbs = pounds

MMR = Massachusetts Military Reservation

MWh = megawatt hours

NO_x = nitrogen oxides

PM-10 = particulate matter with a diameter of 10 micrometers or less

SO₂ = sulfur dioxide

VOCs = volatile organic compounds

ATTACHMENT A

Comparison of Detected Concentrations in Ashumet Valley Groundwater, Surface Water, and Treatment Plant Samples to Applicable Groundwater and Surface Water Standards

Attachment A
Comparison of Detected Concentrations in Ashumet Valley Groundwater, Surface Water, and Treatment Plant Samples
to Applicable Groundwater and Surface Water Standards
Ashumet Valley 2011 Summary Letter Report

Location Identification	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Standard	Type ^{1,2,3}	Standard Exceeded?
						All units - µg/L					
03MW2403A	5/5/2011	-46.88	WG	SW6010B	MANGANESE	660	5.3	15	300	HA	Yes
03MW2403A	5/5/2011	-46.88	WG	SW6010B	MANGANESE (DISSOLVED)	540	5.3	15	300	HA	Yes
30MW0581C	5/10/2011	-30.85	WG	SW6010B	MANGANESE	300	5.3	15	300	HA	No
30MW0581C	5/10/2011	-30.85	WG	SW6010B	MANGANESE (DISSOLVED)	310	5.3	15	300	HA	Yes
30MW0582C	5/17/2011	10.81	WG	SW6010B	MANGANESE	8200	110	300	300	HA	Yes
30MW0582C	5/17/2011	10.81	WG	SW6010B	MANGANESE (DISSOLVED)	8000	110	300	300	HA	Yes
30MW0585A	11/21/2011	-40.03	WG	SW8260B	BENZENE	BRL	0.2	1	5	MCL	No
30MW0585A	11/21/2011	-40.03	WG	SW8260B	cis-1,2-DICHLOROETHENE	87	0.2	1	70	MCL	Yes
30MW0585A	11/21/2011	-40.03	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.7	0.19	1	5	MCL	No
30MW0585A	11/21/2011	-40.03	WG	SW8260B	TRICHLOROETHENE (TCE)	17	0.2	1	5	MCL	Yes
30MW0585B	12/1/2011	-15.03	WG	SW8260B	cis-1,2-DICHLOROETHENE	4.3	0.2	1	70	MCL	No
30MW0585B	12/1/2011	-15.03	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.2	0.19	1	5	MCL	No
30MW0585B	12/1/2011	-15.03	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
30MW0587B	5/3/2011	-30.88	WG	SW6010B	MANGANESE	370	5.3	15	300	HA	Yes
30MW0587B	5/3/2011	-30.88	WG	SW6010B	MANGANESE (DISSOLVED)	370	5.3	15	300	HA	Yes
30MW0589	5/3/2011	19.57	WG	SW6010B	MANGANESE	32	5.3	15	300	HA	No
30MW0589	5/3/2011	19.57	WG	SW6010B	MANGANESE (DISSOLVED)	22	5.3	15	300	HA	No
95DP0228	4/12/2011	-86.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0230	12/16/2011	-54.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95DP0230	12/16/2011	-54.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0230	12/16/2011	-54.5	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95DP0230	12/16/2011	-44.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95DP0230	12/16/2011	-44.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0230	12/16/2011	-44.5	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95DP0230	12/19/2011	-84.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0230	12/19/2011	-84.5	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95DP0230	12/19/2011	-74.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	3.5	0.2	1	70	MCL	No
95DP0230	12/19/2011	-74.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	27	0.19	1	5	MCL	Yes
95DP0230	12/19/2011	-74.5	WA	SW8260B	TRICHLOROETHENE (TCE)	6.8	0.2	1	5	MCL	Yes
95DP0230	12/19/2011	-64.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	2.7	0.2	1	70	MCL	No
95DP0230	12/19/2011	-64.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	21	0.19	1	5	MCL	Yes
95DP0230	12/19/2011	-64.5	WA	SW8260B	TRICHLOROETHENE (TCE)	5.1	0.2	1	5	MCL	Yes
95DP0231	12/27/2011	-70.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95DP0231	12/27/2011	-70.5	WA	SW8260B	TRICHLOROETHENE (TCE)	1.7	0.2	1	5	MCL	No
95DP0231	12/27/2011	-60.5	WA	SW8260B	1,4-DICHLOROBENZENE	BRL	0.19	1	5	MMCL	No
95DP0231	12/27/2011	-60.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	3.3	0.2	1	70	MCL	No
95DP0231	12/27/2011	-60.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	17	0.19	1	5	MCL	Yes

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						All units - µg/L					
95DP0231	12/27/2011	-60.5	WA	SW8260B	TRICHLOROETHENE (TCE)	13	0.2	1	5	MCL	Yes
95DP0231	12/27/2011	-50.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	1.2	0.2	1	70	MCL	No
95DP0231	12/27/2011	-50.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	10	0.19	1	5	MCL	Yes
95DP0231	12/27/2011	-50.5	WA	SW8260B	TRICHLOROETHENE (TCE)	2.5	0.2	1	5	MCL	No
95DP0232	1/4/2012	-52.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95DP0232	1/4/2012	-52.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	5.9	0.19	1	5	MCL	Yes
95DP0232	1/4/2012	-52.5	WA	SW8260B	TRICHLOROETHENE (TCE)	2.9	0.2	1	5	MCL	No
95DP0232	1/4/2012	-42.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0232	1/5/2012	-72.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0232	1/5/2012	-72.5	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95DP0232	1/5/2012	-62.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	1.6	0.2	1	70	MCL	No
95DP0232	1/5/2012	-62.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	23	0.19	1	5	MCL	Yes
95DP0232	1/5/2012	-62.5	WA	SW8260B	TRICHLOROETHENE (TCE)	5.6	0.2	1	5	MCL	Yes
95DP0232	1/6/2012	-82.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	2.1	0.2	1	70	MCL	No
95DP0232	1/6/2012	-82.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	16	0.19	1	5	MCL	Yes
95DP0232	1/6/2012	-82.5	WA	SW8260B	TRICHLOROETHENE (TCE)	7.5	0.2	1	5	MCL	Yes
95DP0234	12/7/2011	-71.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	11	0.2	1	70	MCL	No
95DP0234	12/7/2011	-71.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0234	12/7/2011	-71.5	WA	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.2	1	5	MCL	No
95DP0234	12/7/2011	-61.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	1.9	0.2	1	70	MCL	No
95DP0234	12/7/2011	-61.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0234	12/7/2011	-51.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	2.8	0.2	1	70	MCL	No
95DP0234	12/7/2011	-51.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0234	12/7/2011	-51.5	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95DP0234	12/7/2011	-41.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	2.5	0.2	1	70	MCL	No
95DP0234	12/7/2011	-41.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0234	12/9/2011	-111.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	30	0.2	1	70	MCL	No
95DP0234	12/9/2011	-111.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	1.7	0.19	1	5	MCL	No
95DP0234	12/9/2011	-111.5	WA	SW8260B	TRICHLOROETHENE (TCE)	7.3	0.2	1	5	MCL	Yes
95DP0234	12/9/2011	-101.5	WA	SW8260B	BENZENE	BRL	0.2	1	5	MCL	No
95DP0234	12/9/2011	-101.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	45	0.2	1	70	MCL	No
95DP0234	12/9/2011	-101.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	3.7	0.19	1	5	MCL	No
95DP0234	12/9/2011	-101.5	WA	SW8260B	TRICHLOROETHENE (TCE)	14	0.2	1	5	MCL	Yes
95DP0234	12/9/2011	-91.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	3.9	0.2	1	70	MCL	No
95DP0234	12/9/2011	-91.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0234	12/9/2011	-91.5	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95DP0234	12/9/2011	-81.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	25	0.2	1	70	MCL	No

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						All units - µg/L					
95DP0234	12/9/2011	-81.5	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95DP0234	12/9/2011	-81.5	WA	SW8260B	TRICHLOROETHENE (TCE)	2.8	0.2	1	5	MCL	No
95DP0234	12/12/2011	-131.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95DP0234	12/12/2011	-131.5	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95DP0234	12/12/2011	-121.5	WA	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95DP0234	12/12/2011	-121.5	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95MW0103	9/6/2011	-55.25	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.28	1	5	MCL	No
95MW0104	8/19/2011	-59.06	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.16	1	70	MCL	No
95MW0104	8/19/2011	-59.06	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.6	0.28	1	5	MCL	No
95MW0104	8/19/2011	-59.06	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
95MW0106	8/19/2011	-61.49	WG	SW8260B	cis-1,2-DICHLOROETHENE	1	0.16	1	70	MCL	No
95MW0106	8/19/2011	-61.49	WG	SW8260B	TETRACHLOROETHENE (PCE)	4	0.28	1	5	MCL	No
95MW0106	8/19/2011	-61.49	WG	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.27	1	5	MCL	No
95MW0109B	5/4/2011	-25.14	WG	SW6010B	MANGANESE	400	5.3	15	300	HA	Yes
95MW0109B	5/4/2011	-25.14	WG	SW6010B	MANGANESE (DISSOLVED)	400	5.3	15	300	HA	Yes
95MW1170B	11/21/2011	-63.76	WG	SW8260B	cis-1,2-DICHLOROETHENE	5.9	0.2	1	70	MCL	No
95MW1170B	11/21/2011	-63.76	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95MW1170B	11/21/2011	-63.76	WG	SW8260B	TRICHLOROETHENE (TCE)	1.2	0.2	1	5	MCL	No
95MW1172A	8/19/2011	-101.37	WG	SW8260B	cis-1,2-DICHLOROETHENE	7.4	0.16	1	70	MCL	No
95MW1172A	8/19/2011	-101.37	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.2	0.28	1	5	MCL	No
95MW1172A	8/19/2011	-101.37	WG	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.27	1	5	MCL	No
95MW1173A	8/23/2011	-119.98	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.28	1	5	MCL	No
95MW1173A	8/23/2011	-119.98	WG	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.27	1	5	MCL	No
95MW1232A	8/19/2011	-128.65	WG	SW8260B	TETRACHLOROETHENE (PCE)	9.6	0.28	1	5	MCL	Yes
95MW1232A	8/19/2011	-128.65	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
95MW1234C	8/19/2011	-47.33	WG	SW8260B	cis-1,2-DICHLOROETHENE	1.8	0.16	1	70	MCL	No
95MW1234C	8/19/2011	-47.33	WG	SW8260B	TETRACHLOROETHENE (PCE)	6.5	0.28	1	5	MCL	Yes
95MW1234C	8/19/2011	-47.33	WG	SW8260B	TRICHLOROETHENE (TCE)	5.7	0.27	1	5	MCL	Yes
95PLT01001 (INF)	1/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.7	0.2	1	70	MCL	No
95PLT01001 (INF)	1/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	3.7	0.19	1	5	MCL	No
95PLT01001 (INF)	1/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.3	0.2	1	5	MCL	No
95PLT01001 (INF)	2/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.9	0.2	1	70	MCL	No
95PLT01001 (INF)	2/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	6.3 J	0.19	1	5	MCL	Yes
95PLT01001 (INF)	2/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	3.1	0.2	1	5	MCL	No
95PLT01001 (INF)	3/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.6	0.2	1	70	MCL	No
95PLT01001 (INF)	3/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	4.8	0.19	1	5	MCL	No
95PLT01001 (INF)	3/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.6	0.2	1	5	MCL	No

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						All units - µg/L					
95PLT01001 (INF)	4/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.8	0.2	1	70	MCL	No
95PLT01001 (INF)	4/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	4.5	0.19	1	5	MCL	No
95PLT01001 (INF)	4/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.4	0.2	1	5	MCL	No
95PLT01001 (INF)	5/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.6	0.2	1	70	MCL	No
95PLT01001 (INF)	5/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	4.7	0.19	1	5	MCL	No
95PLT01001 (INF)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.5	0.2	1	5	MCL	No
95PLT01001 (INF)	6/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.8	0.16	1	70	MCL	No
95PLT01001 (INF)	6/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	5.5	0.28	1	5	MCL	Yes
95PLT01001 (INF)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.5	0.27	1	5	MCL	No
95PLT01001 (INF)	7/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.9	0.16	1	70	MCL	No
95PLT01001 (INF)	7/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	6.1	0.28	1	5	MCL	Yes
95PLT01001 (INF)	7/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.4	0.27	1	5	MCL	No
95PLT01001 (INF)	8/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.7	0.16	1	70	MCL	No
95PLT01001 (INF)	8/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	4.7	0.28	1	5	MCL	No
95PLT01001 (INF)	8/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.4	0.27	1	5	MCL	No
95PLT01001 (INF)	9/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	2.1	0.2	1	70	MCL	No
95PLT01001 (INF)	9/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	5.2	0.19	1	5	MCL	Yes
95PLT01001 (INF)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.7	0.2	1	5	MCL	No
95PLT01001 (INF)	10/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.8	0.2	1	70	MCL	No
95PLT01001 (INF)	10/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	4.6	0.19	1	5	MCL	No
95PLT01001 (INF)	10/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.4	0.2	1	5	MCL	No
95PLT01001 (INF)	11/28/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.7	0.2	1	70	MCL	No
95PLT01001 (INF)	11/28/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	4.2	0.19	1	5	MCL	No
95PLT01001 (INF)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.3	0.2	1	5	MCL	No
95PLT01001 (INF)	12/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	2	0.2	1	70	MCL	No
95PLT01001 (INF)	12/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	5	0.19	1	5	MCL	No
95PLT01001 (INF)	12/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	2.5	0.2	1	5	MCL	No
95PLT01002 (MID)	1/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.4	0.2	1	70	MCL	No
95PLT01002 (MID)	2/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.2	0.2	1	70	MCL	No
95PLT01002 (MID)	2/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01002 (MID)	3/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.3	0.2	1	70	MCL	No
95PLT01002 (MID)	3/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01002 (MID)	4/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.5	0.2	1	70	MCL	No
95PLT01002 (MID)	4/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT01002 (MID)	4/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01002 (MID)	5/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.4	0.2	1	70	MCL	No
95PLT01002 (MID)	5/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No

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						All units - µg/L					
95PLT01002 (MID)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01002 (MID)	6/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.5	0.16	1	70	MCL	No
95PLT01002 (MID)	6/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.28	1	5	MCL	No
95PLT01002 (MID)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
95PLT01002 (MID)	7/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.4	0.16	1	70	MCL	No
95PLT01002 (MID)	7/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.1	0.28	1	5	MCL	No
95PLT01002 (MID)	7/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.27	1	5	MCL	No
95PLT01002 (MID)	11/28/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.1	0.2	1	70	MCL	No
95PLT01002 (MID)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01002 (MID)	12/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.4	0.2	1	70	MCL	No
95PLT01002 (MID)	12/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01003 (MID)	8/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.16	1	70	MCL	No
95PLT01003 (MID)	9/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.5	0.2	1	70	MCL	No
95PLT01003 (MID)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01003 (MID)	10/10/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.7	0.2	1	70	MCL	No
95PLT01003 (MID)	10/10/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01003 (MID)	10/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.4	0.2	1	70	MCL	No
95PLT01003 (MID)	10/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT01003 (MID)	10/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01004 (EFF)	4/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95PLT01004 (EFF)	5/25/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95PLT01004 (EFF)	6/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.2	0.2	1	70	MCL	No
95PLT01004 (EFF)	7/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	1.2	0.2	1	70	MCL	No
95PLT01004 (EFF)	9/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95PLT01004 (EFF)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01004 (EFF)	10/10/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95PLT01004 (EFF)	10/10/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT01004 (EFF)	10/27/2011	N/A	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
95PLT01004 (EFF)	10/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03001 (INF)	1/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.3	0.19	1	5	MCL	No
95PLT03001 (INF)	1/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03001 (INF)	2/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.7 J	0.19	1	5	MCL	No
95PLT03001 (INF)	2/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03001 (INF)	3/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.7	0.19	1	5	MCL	No
95PLT03001 (INF)	3/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03001 (INF)	4/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1	5	MCL	No
95PLT03001 (INF)	4/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No

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						All units - µg/L					
95PLT03001 (INF)	5/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1	5	MCL	No
95PLT03001 (INF)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03001 (INF)	6/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.6	0.28	1	5	MCL	No
95PLT03001 (INF)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
95PLT03001 (INF)	7/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.9	0.28	1	5	MCL	No
95PLT03001 (INF)	7/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
95PLT03001 (INF)	8/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.3	0.28	1	5	MCL	No
95PLT03001 (INF)	8/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
95PLT03001 (INF)	9/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1	5	MCL	No
95PLT03001 (INF)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03001 (INF)	10/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1	5	MCL	No
95PLT03001 (INF)	10/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03001 (INF)	11/28/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.2	0.19	1	5	MCL	No
95PLT03001 (INF)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03001 (INF)	12/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1	5	MCL	No
95PLT03001 (INF)	12/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03002 (MID)	1/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03002 (MID)	1/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03002 (MID)	2/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03002 (MID)	2/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03002 (MID)	3/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03002 (MID)	3/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03002 (MID)	4/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03002 (MID)	4/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03002 (MID)	5/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03002 (MID)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03002 (MID)	6/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.28	1	5	MCL	No
95PLT03002 (MID)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
95PLT03002 (MID)	7/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.28	1	5	MCL	No
95PLT03002 (MID)	7/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
95PLT03002 (MID)	8/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.28	1	5	MCL	No
95PLT03002 (MID)	9/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03002 (MID)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03002 (MID)	10/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03002 (MID)	10/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03002 (MID)	11/28/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03002 (MID)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No

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						All units - µg/L					
95PLT03002 (MID)	12/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03002 (MID)	12/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03003 (MID)	9/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03003 (MID)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PLT03003 (MID)	10/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03003 (MID)	11/28/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03003 (MID)	12/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
95PLT03003 (MID)	12/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
95PZ0005A	9/6/2011	-67.2	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.28	1	5	MCL	No
95PZ0005A	9/6/2011	-67.2	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
95SW3002	6/10/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
95SW3002	6/10/2011	N/A	WS	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	190	AWQC	No
95SW3002	8/17/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
95SW3003	6/10/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
95SW3003	6/10/2011	N/A	WS	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	190	AWQC	No
95SW3003	8/17/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1	1100	AWQC	No
95SW3003	8/17/2011	N/A	WS	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	190	AWQC	No
95SW3004	6/10/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
95SW3004	6/10/2011	N/A	WS	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	190	AWQC	No
95SW3004	8/17/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
95SW3005	6/10/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
95SW3005	6/10/2011	N/A	WS	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	190	AWQC	No
95SW3005	8/17/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
95SW3005	8/17/2011	N/A	WS	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	190	AWQC	No
95SW3006	6/10/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
95SW3006	6/10/2011	N/A	WS	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	190	AWQC	No
95SW3006	8/17/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
95SW3007	6/10/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	1.8	0.19	1	1100	AWQC	No
95SW3007	6/10/2011	N/A	WS	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	190	AWQC	No
95SW3007	8/17/2011	N/A	WS	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	1100	AWQC	No
USFW239064	5/4/2011	-11.22	WG	SW6010B	MANGANESE	190	5.3	15	300	HA	No
USFW239064	5/4/2011	-11.22	WG	SW6010B	MANGANESE (DISSOLVED)	190	5.3	15	300	HA	No
USFW244090	5/4/2011	-19.2	WG	SW6010B	MANGANESE	1300	5.3	15	300	HA	Yes
USFW244090	5/4/2011	-19.2	WG	SW6010B	MANGANESE (DISSOLVED)	1200	5.3	15	300	HA	Yes
USFW300030	5/6/2011	18.49	WG	SW6010B	MANGANESE	2300	5.3	15	300	HA	Yes
USFW300030	5/6/2011	18.49	WG	SW6010B	MANGANESE (DISSOLVED)	2300	5.3	15	300	HA	Yes
USFW300050	5/6/2011	-2.18	WG	SW6010B	MANGANESE	190	5.3	15	300	HA	No

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USFW300050	5/6/2011	-2.18	WG	SW6010B	MANGANESE (DISSOLVED)	140	5.3	15	300	HA	No
USFW347067	5/5/2011	-5.93	WG	SW6010B	MANGANESE	110	5.3	15	300	HA	No
USFW347067	5/5/2011	-5.93	WG	SW6010B	MANGANESE (DISSOLVED)	120	5.3	15	300	HA	No
USFW356134	8/23/2011	-67.78	WG	SW8260B	1,4-DICHLOROBENZENE	BRL	0.2	1	5	MMCL	No
USFW356134	8/23/2011	-67.78	WG	SW8260B	cis-1,2-DICHLOROETHENE	1.7	0.16	1	70	MCL	No
USFW356134	8/23/2011	-67.78	WG	SW8260B	TETRACHLOROETHENE (PCE)	29.2	0.28	1	5	MCL	Yes
USFW356134	8/23/2011	-67.78	WG	SW8260B	TRICHLOROETHENE (TCE)	12.6	0.27	1	5	MCL	Yes
USFW357139	8/23/2011	-67.65	WG	SW8260B	1,4-DICHLOROBENZENE	BRL	0.2	1	5	MMCL	No
USFW357139	8/23/2011	-67.65	WG	SW8260B	cis-1,2-DICHLOROETHENE	22.6	0.16	1	70	MCL	No
USFW357139	8/23/2011	-67.65	WG	SW8260B	TETRACHLOROETHENE (PCE)	42.2	0.28	1	5	MCL	Yes
USFW357139	8/23/2011	-67.65	WG	SW8260B	TRICHLOROETHENE (TCE)	9.7	0.27	1	5	MCL	Yes
USFW375081	8/16/2011	-50.35	WG	SW8260B	TETRACHLOROETHENE (PCE)	12	0.28	1	5	MCL	Yes
USFW375081	8/16/2011	-50.35	WG	SW8260B	TRICHLOROETHENE (TCE)	5.1	0.27	1	5	MCL	Yes
USFW388072	5/5/2011	-2.39	WG	SW6010B	MANGANESE	350	5.3	15	300	HA	Yes
USFW388072	5/5/2011	-2.39	WG	SW6010B	MANGANESE (DISSOLVED)	360	5.3	15	300	HA	Yes
USFW422085	5/3/2011	-10.69	WG	SW6020A	THALLIUM	BRL	0.027	0.2	2	MCL	No
USFW422085	5/3/2011	-10.69	WG	SW6020A	THALLIUM (DISSOLVED)	BRL	0.027	0.2	2	MCL	No
USFW422105	5/3/2011	-30.74	WG	SW6010B	MANGANESE	290	5.3	15	300	HA	No
USFW422105	5/3/2011	-30.74	WG	SW6010B	MANGANESE (DISSOLVED)	280	5.3	15	300	HA	No
USFW436076	8/16/2011	-50.2	WG	SW8260B	TETRACHLOROETHENE (PCE)	7.8	0.28	1	5	MCL	Yes
USFW436076	8/16/2011	-50.2	WG	SW8260B	TRICHLOROETHENE (TCE)	3.9	0.27	1	5	MCL	No
USFW443140	8/16/2011	-80.02	WG	SW8260B	cis-1,2-DICHLOROETHENE	3.9	0.16	1	70	MCL	No
USFW443140	8/16/2011	-80.02	WG	SW8260B	TETRACHLOROETHENE (PCE)	20	0.28	1	5	MCL	Yes
USFW443140	8/16/2011	-80.02	WG	SW8260B	TRICHLOROETHENE (TCE)	4.3	0.27	1	5	MCL	No
USFW484023	8/16/2011	-10.12	WG	SW8260B	TETRACHLOROETHENE (PCE)	4	0.28	1	5	MCL	No
USFW484023	8/16/2011	-10.12	WG	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.27	1	5	MCL	No
USFW484078	8/16/2011	-65.12	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.9	0.28	1	5	MCL	No
USFW484078	8/16/2011	-65.12	WG	SW8260B	TRICHLOROETHENE (TCE)	2.3	0.27	1	5	MCL	No
USFW497108	8/16/2011	-73.18	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.2	0.28	1	5	MCL	No
USFW497108	8/16/2011	-73.18	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
USFW501102	8/16/2011	-49.47	WG	SW8260B	cis-1,2-DICHLOROETHENE	6.2	0.16	1	70	MCL	No
USFW501102	8/16/2011	-49.47	WG	SW8260B	TETRACHLOROETHENE (PCE)	18.5	0.28	1	5	MCL	Yes
USFW501102	8/16/2011	-49.47	WG	SW8260B	TRICHLOROETHENE (TCE)	11.9	0.27	1	5	MCL	Yes
USFW655075	8/16/2011	-55.2	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.16	1	70	MCL	No
USFW655075	8/16/2011	-55.2	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.2	0.28	1	5	MCL	No

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						All units - µg/L					
USFW655075	8/16/2011	-55.2	WG	SW8260B	TRICHLOROETHENE (TCE)	2.4	0.27	1	5	MCL	No
USFW657078	8/16/2011	-58.12	WG	SW8260B	TETRACHLOROETHENE (PCE)	4.6	0.28	1	5	MCL	No
USFW657078	8/16/2011	-58.12	WG	SW8260B	TRICHLOROETHENE (TCE)	1.5	0.27	1	5	MCL	No
USFWB01-P05	8/19/2011	NA ⁴	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
USFWB12-IR02	8/19/2011	NA ⁴	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
USFWB12-IR02	8/19/2011	NA ⁴	WG	SW8260B	TETRACHLOROETHENE (PCE)	8.5	0.19	1	5	MCL	Yes
USFWB12-IR02	8/19/2011	NA ⁴	WG	SW8260B	TRICHLOROETHENE (TCE)	3.9	0.2	1	5	MCL	No
USFWB14-IR01	8/19/2011	NA ⁴	WG	SW8260B	TETRACHLOROETHENE (PCE)	8.8	0.19	1	5	MCL	Yes
USFWB14-IR01	8/19/2011	NA ⁴	WG	SW8260B	TRICHLOROETHENE (TCE)	3.8	0.2	1	5	MCL	No

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Notes:

1. MCLs from Environmental Protection Agency (EPA) web page, <http://water.epa.gov/drink/contaminants/> and HA from http://water.epa.gov/action/advisories/drinking/drinking_index.cfm
2. MMCLs from Massachusetts Department of Environmental Protection (MassDEP) web page, <http://www.mass.gov/dep/water/dwstand.pdf>.
3. AWQC = MassDEP Ambient Water Quality Criteria Standards, table at 310 CMR 40.1516(1) from MassDEP web page <http://www.mass.gov/dep/cleanup/laws/nrs07.pdf>.
4. Locations are irrigation wells; sample elevation information is not available.

Detections of tert-butyl methyl ether (MTBE), chloromethane, and the total trihalomethanes (chloroform, bromodichloromethane, dibromochloromethane, and bromoform) are not included because they are not MMR-related compounds.

Key:

AWQC = MassDEP Ambient Water Quality Criteria

BRL = below reporting limit

DL = detection limit

EFF = treatment plant effluent

HA = EPA Health Advisory

ft msl = feet mean sea level

INF = treatment plant influent

J = estimated concentration

MCL = Maximum Contaminant Level

MID = treatment plant midpoint sample

MMCL = Massachusetts MCL

N/A = not applicable

NA = not available

RL = reporting limit

WG = groundwater sample

WS = surface water

WW = plant water

µg/L = micrograms per liter

ATTACHMENT B
Direct Push Groundwater
Vertical Profile Results

[95DP0226](#)

[95DP0227](#)

[95DP0228](#)

[95DP0229](#)

[95DP0230](#)

[95DP0231](#)

[95DP0232](#)

[95DP0233](#)

[95DP0234](#)

Direct Push Location 95DP0226
Ashumet Valley Leading Edge Data Gap Investigation - Spring 2011
Groundwater Vertical Profile Results
Town of Falmouth Cons. Land, end of Terrance Avenue

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
03/10/11	A	30	35	32.5	5.5	ND	ND
03/10/11	B	40	45	42.5	-4.5	ND	ND
03/11/11	C	50	55	52.5	-14.5	ND	ND
03/11/11	D	60	65	62.5	-24.5	ND	ND
03/11/11	E	70	75	72.5	-34.5	ND	ND
03/11/11	F	80	85	82.5	-44.5	ND	ND
03/11/11	G	90	95	92.5	-54.5	ND	ND
03/11/11	H	100	105	102.5	-64.5	ND	ND
03/14/11	I	110	115	112.5	-74.5	ND	ND
03/14/11	J	119.3	124.3	121.8	-83.8	ND	ND

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Key:

BOS = bottom of sample interval

ft bgs = feet below ground surface

ft msl = feet mean sea level

MCL = Maximum Contaminant Level

ND = not detected

PCE = tetrachloroethene

TCE = trichloroethene

TOS = top of sample interval

µg/L = micrograms per liter

Approximate elevation of ground surface is 38 ft msl.

Water level at 29 ft bgs (approximately).

Boring refusal was obtained at 124.3 ft bgs (-86.3 ft msl).

Direct Push Location 95DP0227
Ashumet Valley Leading Edge Data Gap Investigation - Spring 2011
Groundwater Vertical Profile Results
Annette Road (off Davisville Road)

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
03/18/11	A	30	35	32.5	5.5	ND	ND
03/18/11	B	40	45	42.5	-4.5	ND	ND
03/18/11	C	50	55	52.5	-14.5	ND	ND
03/18/11	D	60	65	62.5	-24.5	ND	ND
03/21/11	E	70	75	72.5	-34.5	ND	ND
03/21/11	F	80	85	82.5	-44.5	ND	ND
03/21/11	G	90	95	92.5	-54.5	ND	ND
03/21/11	H	96	101	98.5	-60.5	ND	ND

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Key:

BOS = bottom of sample interval

ft bgs = feet below ground surface

ft msl = feet mean sea level

MCL = Maximum Contaminant Level

ND = not detected

PCE = tetrachloroethene

TCE = trichloroethene

TOS = top of sample interval

µg/L = micrograms per liter

Approximate elevation of ground surface is 38 ft msl.

Water level at 32.8 ft bgs (approximately).

Boring refusal was obtained at 101 ft bgs (-63 ft msl).

Direct Push Location 95DP0228
Ashumet Valley Leading Edge Data Gap Investigation - Spring 2011
Groundwater Vertical Profile Results
Northern end of Amapa Way

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
03/24/11	A	30	35	32.5	3.5	ND	ND
03/24/11	B	40	45	42.5	-6.5	ND	ND
03/24/11	C	50	55	52.5	-16.5	ND	ND
03/24/11	D	60	65	62.5	-26.5	ND	ND
03/24/11	E	70	75	72.5	-36.5	ND	ND
03/28/11	F	80	85	82.5	-46.5	ND	ND
03/28/11	G	90	95	92.5	-56.5	ND	ND
03/28/11	H	100	105	102.5	-66.5	ND	ND
04/12/11	I	110	115	112.5	-76.5	ND	ND
04/12/11	J	120	125	122.5	-86.5	BRL	ND

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Key:

BOS = bottom of sample interval

ND = not detected

BRL = below reporting limit (1.0 µg/L)

PCE = tetrachloroethene

ft bgs = feet below ground surface

TCE = trichloroethene

ft msl = feet mean sea level

TOS = top of sample interval

MCL = Maximum Contaminant Level

µg/L = micrograms per liter

Approximate elevation of ground surface is 36 ft msl.

Water level at 32.6 ft bgs (approximately).

Boring refusal was obtained at 126.8 ft bgs (-90.8 ft msl).

Direct Push Location 95DP0229
Ashumet Valley Leading Edge Data Gap Investigation - Spring 2011
Groundwater Vertical Profile Results
Prince Henry Drive

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
04/14/11	A	30	35	32.5	5.5	ND	ND
04/14/11	B	40	45	42.5	-4.5	ND	ND
04/14/11	C	50	55	52.5	-14.5	ND	ND
04/14/11	D	60	65	62.5	-24.5	ND	ND
04/14/11	E	70	75	72.5	-34.5	ND	ND
04/14/11	F	80	85	82.5	-44.5	ND	ND
04/15/11	G	90	95	92.5	-54.5	ND	ND
04/15/11	H	100	105	102.5	-64.5	ND	ND

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Key:

BOS = bottom of sample interval

ft bgs = feet below ground surface

ft msl = feet mean sea level

MCL = Maximum Contaminant Level

ND = not detected

PCE = tetrachloroethene

TCE = trichloroethene

TOS = top of sample interval

µg/L = micrograms per liter

Approximate elevation of ground surface is 38 ft msl.

Water level at 32.85 ft bgs (approximately).

Boring refusal was obtained at 105.5 ft bgs (-67.5 ft msl).

Direct Push Location 95DP0230
Ashumet Valley Leading Edge Data Gap Investigation - Winter 2011/2012
Groundwater Vertical Profile Results
Country Club Lane

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
12/16/11	A	80	85	82.5	-34.5	ND	ND
12/16/11	B	90	95	92.5	-44.5	BRL	BRL
12/16/11	C	100	105	102.5	-54.5	BRL	BRL
12/19/11	D	110	115	112.5	-64.5	21	5.1
12/19/11	E	120	125	122.5	-74.5	27	6.8
12/19/11	F	130	135	132.5	-84.5	BRL	BRL
12/19/11	G	140	145	142.5	-94.5	ND	ND
12/19/11	H	150	155	152.5	-104.5	ND	ND
12/19/11	I	160	165	162.5	-114.5	ND	ND
12/20/11	J	170	175	172.5	-124.5	ND	ND
12/21/11	K	180	185	182.5	-134.5	ND	ND
12/21/11	L	190	195	192.5	-144.5	NS	NS

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Key:

BOS = bottom of sample interval

BRL = below reporting limit (1.0 µg/L)

ft bgs = feet below ground surface

ft msl = feet mean sea level

MCL = Maximum Contaminant Level

ND = not detected

NS = not sampled due to non-productive zone/high turbidity

PCE = tetrachloroethene

TCE = trichloroethene

TOS = top of sample interval

µg/L = micrograms per liter

Approximate elevation of ground surface is 48 ft msl.

Water level at 28.6 ft bgs (approximately).

Boring refusal was obtained at 195 ft bgs (-147 ft msl).

Direct Push Location 95DP0231
Ashumet Valley Leading Edge Data Gap Investigation - Winter 2011/2012
Groundwater Vertical Profile Results
Mill Farm Way

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
12/27/11	A	75	80	77.5	-30.5	ND	ND
12/27/11	B	85	90	87.5	-40.5	ND	ND
12/27/11	C	95	100	97.5	-50.5	10	2.5
12/27/11	D	105	110	107.5	-60.5	17	13
12/27/11	E	115	120	117.5	-70.5	ND	1.7
12/28/11	F	125	130	127.5	-80.5	ND	ND
12/28/11	G	135	140	137.5	-90.5	ND	ND
	H	145	150	147.5	-100.5	NS	NS

Data Source: AFC EE, February 2012, MMR-AFCEE Data Warehouse

Key:

BOS = bottom of sample interval

BRL = below reporting limit (1.0 µg/L)

ft bgs = feet below ground surface

ft msl = feet mean sea level

MCL = Maximum Contaminant Level

ND = not detected

NS = not sampled due to non-productive zone

PCE = tetrachloroethene

TCE = trichloroethene

TOS = top of sample interval

µg/L = micrograms per liter

Approximate elevation of ground surface is 47 ft msl.

Water level at 34.2 ft bgs (approximately).

Boring refusal was obtained at 150 ft bgs (-103 ft msl).

Direct Push Location 95DP0232
Ashumet Valley Leading Edge Data Gap Investigation - Winter 2011/2012
Groundwater Vertical Profile Results
Old Waquoit Way

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
01/04/12	A	75	80	77.5	-32.5	ND	ND
01/04/12	B	85	90	87.5	-42.5	BRL	ND
01/04/12	C	95	100	97.5	-52.5	5.9	2.9
01/05/12	D	105	110	107.5	-62.5	23	5.6
01/05/12	E	115	120	117.5	-72.5	BRL	BRL
01/06/12	F	125	130	127.5	-82.5	16	7.5

Data Source: AFC EE, February 2012, MMR-AFC EE Data Warehouse

Key:

BOS = bottom of sample interval

ND = not detected

BRL = below reporting limit (1.0 µg/L)

PCE = tetrachloroethene

ft bgs = feet below ground surface

TCE = trichloroethene

ft msl = feet mean sea level

TOS = top of sample interval

MCL = Maximum Contaminant Level

µg/L = micrograms per liter

Approximate elevation of ground surface is 45 ft msl.

Water level at 32.7 ft bgs (approximately).

Boring refusal was obtained at 130 ft bgs (-85 ft msl).

Direct Push Location 95DP0233
Ashumet Valley Leading Edge Data Gap Investigation - Winter 2011/2012
Groundwater Vertical Profile Results
Crocker Road

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
01/17/12	A	20	25	22.5	10.5	ND	ND
01/17/12	B	30	35	32.5	0.5	ND	ND
01/17/12	C	40	45	42.5	-9.5	ND	ND
01/19/12	D	50	55	52.5	-19.5	ND	ND
01/19/12	E	60	65	62.5	-29.5	ND	ND
01/19/12	F	70	75	72.5	-39.5	ND	ND
01/19/12	G	80	85	82.5	-49.5	ND	ND
01/19/12	H	90	95	92.5	-59.5	ND	ND
01/20/12	I	100	105	102.5	-69.5	ND	ND

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Key:

BOS = bottom of sample interval

ft bgs = feet below ground surface

ft msl = feet mean sea level

MCL = Maximum Contaminant Level

ND = not detected

PCE = tetrachloroethene

TCE = trichloroethene

TOS = top of sample interval

µg/L = micrograms per liter

Approximate elevation of ground surface is 33 ft msl.

Water level at 23.0 ft bgs (approximately).

Boring refusal was obtained at 104.9 ft bgs (-71.9 ft msl).

Direct Push Location 95DP0234
Ashumet Valley LUC Area Data Gap Investigation - Winter 2011/2012
Groundwater Vertical Profile Results
Austin Stokes Drive/Redlands Road

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
12/06/11	A	25	30	27.5	38.5	ND	ND
12/06/11	B	35	40	37.5	28.5	ND	ND
12/06/11	C	45	50	47.5	18.5	ND	ND
12/06/11	D	55	60	57.5	8.5	ND	ND
12/06/11	E	65	70	67.5	-1.5	ND	ND
12/07/11	F	75	80	77.5	-11.5	ND	ND
12/07/11	G	85	90	87.5	-21.5	ND	ND
12/07/11	H	95	100	97.5	-31.5	ND	ND
12/07/11	I	105	110	107.5	-41.5	BRL	ND
12/07/11	J	115	120	117.5	-51.5	BRL	BRL
12/07/11	K	125	130	127.5	-61.5	BRL	ND
12/07/11	L	135	140	137.5	-71.5	BRL	1.40
12/09/11	M	145	150	147.5	-81.5	BRL	2.8
12/09/11	N	155	160	157.5	-91.5	BRL	BRL
12/09/11	O	165	170	167.5	-101.5	3.7	14
12/09/11	P	175	180	177.5	-111.5	1.70	7.30
12/12/11	Q	185	190	187.5	-121.5	ND	BRL
12/12/11	R	195	200	197.5	-131.5	ND	BRL
12/13/11	S	205	210	207.5	-141.5	ND	ND

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Key:

BOS = bottom of sample interval

ND = not detected

BRL = below reporting limit (1.0 µg/L)

PCE = tetrachloroethene

ft bgs = feet below ground surface

TCE = trichloroethene

ft msl = feet mean sea level

TOS = top of sample interval

MCL = Maximum Contaminant Level

µg/L = micrograms per liter

Approximate elevation of ground surface is 66 ft msl.

Water level at 25.2 ft bgs (approximately).

Boring refusal was obtained at 220 ft bgs (-154 ft msl).

ATTACHMENT C
Ashumet Valley 2011 SLR
Data Summary Report

Attachment C
Data Summary Report
Ashumet Valley 2011 Summary Letter Report

INTRODUCTION

The objective of this data summary report (DSR) is to assess the data quality of analytical results for samples collected for the Ashumet Valley System Performance and Ecological Impact Monitoring (SPEIM) Program at the Massachusetts Military Reservation (MMR) as presented in the *Ashumet Valley 2011 Summary Letter Report*. This report is intended as a general data quality assessment designed to summarize data issues.

ANALYTICAL DATA

This DSR covers 88 borewater samples with nine field duplicate samples, 63 groundwater samples with six field duplicate samples, 20 surface water samples with two field duplicate samples, and 86 plant samples. Field duplicates are not required for treatment facility plant samples. These samples were reported under 76 sample delivery groups. Samples were collected between 25 January 2011 and 20 January 2012. The analyses were performed by Analytics Environmental Laboratory LLC (ANAP) in Portsmouth, New Hampshire, Groundwater Analytical (GWAB) in Buzzards Bay, Massachusetts, and TriMatrix Laboratories (TMLG) in Grand Rapids, Michigan. Samples were collected and shipped by overnight carrier or delivered by courier to ANAP, delivered by courier to GWAB, and shipped by overnight carrier to TMLG for analysis. Samples were analyzed for the analytes/methods provided in Table C-1.

Table C-1
Analytical Parameter

Parameter	Method	Laboratory
Volatile Organic Compounds(VOC)	SW8260B	ANAP
Screening Data VOCs	Modified SW8260B	ANAP, GWAB
Manganese, total and dissolved	SW6010B	TMLG
Thallium, total and dissolved	SW6020A	TMLG

SW = SW 846 Test Methods for Evaluating Solid Waste, 3rd Edition, Revision 4, 1996

The data were assessed using the MMR SPEIM Quality Assurance Project Plan (QAPP)¹.

The assessment included a review of the following:

- Chain-of-Custody documentation
- Holding time compliance
- Required quality control (QC) samples at the specified frequencies
- Method blanks
- Laboratory control spiking samples
- Surrogate spike recoveries
- Internal standards
- Matrix spike/matrix spike duplicate (MS/MSD) samples on a site/location basis
- Initial and continuing calibration information and other method-specific criteria as defined by the SPEIM QAPP

Field samples were reviewed to ascertain field compliance and data quality issues. This included a review of trip blanks, equipment blanks, and field duplicates.

Data were carried through data validation as described in the SPEIM QAPP and data flags were assigned according to the SPEIM QAPP. These flags, and the reason for each flag, were entered into the electronic database and can be found in Table C-2 (located at the end of this attachment). Multiple flags are routinely applied to specific sample method/matrix/analyte combinations, but there is only one final flag. A final flag is applied to the data, and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are listed in the SPEIM QAPP and are defined as follows:

- J = Analyte was present but the reported value may not be accurate or precise (estimated).

¹ AFCEE. 2011 (August). *AFCEE MMR SPEIM/LTM/O&M Program Quality Assurance Project Plan*. 404929-Program-Multiple-QAPP-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis ANG Base, MA.

- R = Analyte result was unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
- U = Analyte was not detected at the specified detection limit.
- UJ = Analyte was not detected and the specified detection limit may not be accurate or precise (estimated).
- S = Analyte was reported from the modified method SW8260B for screening data volatile organic compounds. The result is considered an estimated value

FINDINGS

The summaries of the data validation findings are contained in the following subsections and Table C-2.

Holding Times

All holding-time criteria were met.

Calibration

Initial and continuing calibrations were analyzed as required in every analytical batch and were generally in control.

Bromomethane was recovered less than the lower control limit in method SW8260B continuing calibration verifications. Fifteen non-detected bromomethane results were qualified as estimated and flagged “UJ”.

Method Blanks

Method blanks were analyzed at the required frequency for each method. No method blank flags were applied.

Field Blanks

Trip blanks and equipment blanks were collected and analyzed at the required frequency.

Chloromethane was detected below the reporting limit in trip blanks associated with method SW8260B. Eleven chloromethane results were qualified as not detected and flagged “U”.

Dissolved thallium was detected below the reporting limit in one equipment blank associated with method SW6020A. One thallium result was qualified as not detected and flagged “U”.

Field Duplicates

Field duplicates were collected as required, and precision was acceptable. No field duplicate flags were applied.

Matrix Spike Samples

MS/MSDs were collected at the required frequency and provided acceptable accuracy and precision. No matrix flags were applied.

Surrogates

Surrogate recoveries met the method SPEIM QAPP criteria. No surrogate flags were applied.

Laboratory Control Samples

Laboratory control sample/laboratory control sample duplicates (LCS/LCSD) were analyzed as required and were in control.

Tetrachloroethene was recovered above the upper control limit in a LCS for method SW8260B. Three tetrachloroethene detected results were qualified as estimated and flagged “J”.

The LCS recovery for trans-1,2-dichloroethene was below the lower control limit for method SW8260B. Five trans-1,2-dichloroethene nondetect results were flagged “UJ” as estimated values.

Internal Standards

Internal standards were in control. No internal standard flags were applied.

Chain of Custody

No chain of custody anomalies were noted in the review.

Overall Assessment

The goal of this assessment is to demonstrate that a sufficient number of representative samples were collected and the resulting analytical data can be used to support the decision-making process. The procedures for assessing the precision, accuracy, representativeness, completeness, and comparability parameters (PARCC) are addressed in the SPEIM QAPP. The following summary highlights the PARCC findings for the above-defined events:

1. The completeness goal for valid usable data is 95 percent for aqueous samples and completeness for aqueous samples was 100 percent. The completeness goal was met for all compounds.
2. The routinely acceptable performance of field and laboratory QC indicators (field duplicates, field blanks, laboratory blanks, MS/MSDs, surrogate spikes, LCS, and calibrations) shows that the precision and accuracy of the data generally met project objectives.
3. Sample results are representative and comparable to field conditions and past historical data because the field sampling and laboratory analyses were performed using standardized and documented procedures as defined in project documents. In addition, all results were reported with industry standard units. A minimum number of sample results were qualified due to blank contamination. Blank concentrations were relatively low in relation to the RL and overall, reflect normal laboratory and field operating conditions.

**Table C-2
Validation Flags**

Field ID	Method	Analyte	Final Result (µg/L)	Final Flag	Reason
CHPE000P5-S0711	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE000R1-S0711	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE000R2-S0711	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE000R3-S0711	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE000R4-S0711	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE03000-S0811	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE03001-S0811	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE03002-S0811	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE03003-S0811	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE03004-S0811	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE03005-S0811	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE03006-S0811	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE03007-S0811	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE100R1-S0711	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE13006-S0811	SW8260B	Bromomethane	0.5	UJ	CCV<LCL
CHPE00050-T0411F	SW6020A	Thallium, dissolved	0.2	U	EB<RL
CHTE01001-M0611	SW8260B	trans-1,2-Dichloroethene	0.2	UJ	LCS<LCL
CHTE01002-M0211	SW8260B	trans-1,2-Dichloroethene	0.2	UJ	LCS<LCL
CHTE01002-M0611	SW8260B	trans-1,2-Dichloroethene	0.2	UJ	LCS<LCL
CHTE01004-M0611	SW8260B	trans-1,2-Dichloroethene	0.2	UJ	LCS<LCL
CHTE03003-M0211	SW8260B	trans-1,2-Dichloroethene	0.2	UJ	LCS<LCL
CHTE01001-M0311	SW8260B	Tetrachloroethene	6.3	J	LCS>UCL
CHTE03001-M0311	SW8260B	Tetrachloroethene	1.7	J	LCS>UCL
CHTE03002-M0311	SW8260B	Tetrachloroethene	0.58	J	LCS>UCL
CHTE01001-M1011	SW8260B	Chloromethane	1	U	TB<RL

**Table C-2
Validation Flags**

Field ID	Method	Analyte	Final Result (µg/L)	Final Flag	Reason
CHTE01003-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTE01004-M0811	SW8260B	Chloromethane	1	U	TB<RL
CHTE01004-M0911	SW8260B	Chloromethane	1	U	TB<RL
CHTE01004-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTE03001-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTE03002-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTE03003-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTE03005-M0811	SW8260B	Chloromethane	1	U	TB<RL
CHTE03005-M0911	SW8260B	Chloromethane	1	U	TB<RL
CHTE03005-M1011	SW8260B	Chloromethane	1	U	TB<RL

^aField samples and field duplicates only.

Table sorted by Reason, Analyte and Field ID.

Notes:

CCV<LCL = Continuing calibration recovery less than lower control limit

EB<RL = Equipment blank concentration less than the RL

J = estimated value

LCS<LCL = LCS recovery less than lower control limit

LCS>UCL = LCS recovery greater than upper control limit

TB<RL = Trip blank concentration less than RL

U = undetected

UJ = estimated nondetect

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2403A	5/5/2011	CHPE0403A-T0411F	115.5	N1	WG	SW6010B	FLDFLT	MANGANESE	540	5.3	15	µg/L	
03MW2403A	5/5/2011	CHPE0403A-T0411	115.5	N1	WG	SW6010B	SW3010A	MANGANESE	660	5.3	15	µg/L	
30MW0581C	5/10/2011	CHPE0581C-T0411	86.5	N1	WG	SW6010B	SW3010A	MANGANESE	300	5.3	15	µg/L	
30MW0581C	5/10/2011	CHPE0581C-T0411F	86.5	N1	WG	SW6010B	FLDFLT	MANGANESE	310	5.3	15	µg/L	
30MW0582C	5/17/2011	CHPE0582C-T0411F	35.5	N1	WG	SW6010B	FLDFLT	MANGANESE	8000	110	300	µg/L	
30MW0582C	5/17/2011	CHPE0582C-T0411	35.5	N1	WG	SW6010B	SW3010A	MANGANESE	8200	110	300	µg/L	
30MW0585A	11/21/2011	CHPE0585A-O1111DIFS	121.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
30MW0585A	11/21/2011	CHPE0585A-O1111DIFS	121.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	US
30MW0585A	11/21/2011	CHPE0585A-O1111DIFS	121.5	N1	WG	SW8260B	SW5030	BENZENE	BRL	0.2	1	µg/L	JS
30MW0585A	11/21/2011	CHPE0585A-O1111DIFS	121.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
30MW0585A	11/21/2011	CHPE0585A-O1111DIFS	121.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
30MW0585A	11/21/2011	CHPE0585A-O1111DIFS	121.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	87	0.2	1	µg/L	S
30MW0585A	11/21/2011	CHPE0585A-O1111DIFS	121.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.7	0.19	1	µg/L	S
30MW0585A	11/21/2011	CHPE0585A-O1111DIFS	121.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	17	0.2	1	µg/L	S
30MW0585A	11/21/2011	CHPE0585A-O1111DIFS	121.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
30MW0585B	12/1/2011	CHPE0585B-O1111DIFS	96.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
30MW0585B	12/1/2011	CHPE0585B-O1111DIFS	96.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	US
30MW0585B	12/1/2011	CHPE0585B-O1111DIFS	96.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
30MW0585B	12/1/2011	CHPE0585B-O1111DIFS	96.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
30MW0585B	12/1/2011	CHPE0585B-O1111DIFS	96.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
30MW0585B	12/1/2011	CHPE0585B-O1111DIFS	96.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	4.3	0.2	1	µg/L	S
30MW0585B	12/1/2011	CHPE0585B-O1111DIFS	96.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.2	0.19	1	µg/L	S
30MW0585B	12/1/2011	CHPE0585B-O1111DIFS	96.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
30MW0585B	12/1/2011	CHPE0585B-O1111DIFS	96.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
30MW0587B	5/3/2011	CHPE0587B-T0411	115.3	N1	WG	SW6010B	SW3010A	MANGANESE	370	5.3	15	µg/L	
30MW0587B	5/3/2011	CHPE0587B-T0411F	115.3	N1	WG	SW6010B	FLDFLT	MANGANESE	370	5.3	15	µg/L	
30MW0589	5/3/2011	CHPE00589-T0411F	75.5	N1	WG	SW6010B	FLDFLT	MANGANESE	22	5.3	15	µg/L	
30MW0589	5/3/2011	CHPE00589-T0411	75.5	N1	WG	SW6010B	SW3010A	MANGANESE	32	5.3	15	µg/L	
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROENZENE	ND	0.21	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROENZENE	ND	0.21	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226A-O0311	32.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/10/2011	CHPE0226B-O0311	42.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	23	0.18	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	24	0.18	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	20	0.13	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	20	0.13	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	BENZENE	18	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	BENZENE	19	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

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95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	23	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	23	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	23	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	23	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	ETHYLBENZENE	21	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	ETHYLBENZENE	21	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	41	0.4	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	41	0.4	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	21	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	21	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	23	0.19	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	24	0.19	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	TOLUENE	22	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	TOLUENE	22	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	18	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	19	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311MS	102.5	MS	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	23	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	23	0.2	1	µg/L	
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0226	3/11/2011	CHPE0226C-O0311	52.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226D-O0311	62.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226E-O0311	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226F-O0311	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE1226G-O0311	92.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226G-O0311	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/11/2011	CHPE0226H-O0311	102.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226I-O0311	112.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0226	3/14/2011	CHPE0226J-O0311	121.8	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227A-O0311	32.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227B-O0311	42.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227C-O0311	52.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/18/2011	CHPE0227D-O0311	62.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	22	0.18	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	23	0.18	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	20	0.13	1	µg/L	

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95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	20	0.13	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	BENZENE	20	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	BENZENE	20	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	23	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	24	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	23	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	24	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	ETHYLBENZENE	20	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	ETHYLBENZENE	21	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	42	0.4	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	42	0.4	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	22	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	22	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	21	0.19	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	22	0.19	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	TOLUENE	18	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	TOLUENE	19	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	19	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	20	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311MS	98.5	MS	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	21	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227H-O0311MSD	N/A	SD	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	21	0.2	1	µg/L	
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227E-O0311	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227F-O0311	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227G-O0311	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE1227G-O0311	92.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0227	3/21/2011	CHPE0227H-O0311	98.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	21	0.18	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	21	0.18	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	19	0.13	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	20	0.13	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	BENZENE	18	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	BENZENE	19	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	22	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	22	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	22	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	22	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	ETHYLBENZENE	19	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	ETHYLBENZENE	19	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	38	0.4	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	38	0.4	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	20	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	20	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	22	0.19	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	22	0.19	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	TOLUENE	19	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	TOLUENE	19	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	18	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	18	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311MS	52.5	MS	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	19	0.2	1	µg/L	

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Ashumet Valley Plume 2011 Summary Letter Report

Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0228	3/24/2011	CHPE0228C-O0311MSD	N/A	SD	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	20	0.2	1	µg/L	
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228A-O0311	32.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228B-O0311	42.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228C-O0311	52.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228D-O0311	62.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE1228E-O0311	72.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/24/2011	CHPE0228E-O0311	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.4	0.2	1	µg/L	
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.6	0.2	1	µg/L	
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228F-O0311	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228G-O0311	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	3/28/2011	CHPE0228H-O0311	102.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	122.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0228	4/12/2011	CHPE0228J-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228I-O0311	112.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0228	4/12/2011	CHPE0228J-O0311	122.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

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95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U

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95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229A-O0311	32.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229B-O0311	42.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229C-O0311	52.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229D-O0311	62.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/14/2011	CHPE0229E-O0311	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0229	4/14/2011	CHPE0229F-O0311	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	24	0.18	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	25	0.18	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	15	0.13	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	16	0.13	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	BENZENE	17	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	BENZENE	18	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	25	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	26	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	19	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	20	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	ETHYLBENZENE	22	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	ETHYLBENZENE	22	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	38	0.4	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	39	0.4	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	22	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	22	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	1.6	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	1.7	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	25	0.19	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	26	0.19	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	TOLUENE	20	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	TOLUENE	20	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	15	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	16	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311MS	102.5	MS	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	23	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229H-O0311MSD		SD	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	23	0.2	1	µg/L	
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229G-O0311	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE1229G-O0311	92.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0229	4/15/2011	CHPE0229H-O0311	102.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95DP0230	12/16/2011	CHPE0230A-O1211S	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/16/2011	CHPE0230B-O1211S	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/16/2011	CHPE0230C-O1211S	102.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/16/2011	CHPE0230A-O1211S	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0230	12/16/2011	CHPE0230B-O1211S	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0230	12/16/2011	CHPE0230C-O1211S	102.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0230	12/16/2011	CHPE0230A-O1211S	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230B-O1211S	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230C-O1211S	102.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230A-O1211S	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230B-O1211S	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230C-O1211S	102.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230B-O1211S	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0230	12/16/2011	CHPE0230C-O1211S	102.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
95DP0230	12/16/2011	CHPE0230A-O1211S	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	S
95DP0230	12/16/2011	CHPE0230B-O1211S	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
95DP0230	12/16/2011	CHPE0230C-O1211S	102.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
95DP0230	12/16/2011	CHPE0230A-O1211S	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230B-O1211S	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0230	12/16/2011	CHPE0230C-O1211S	102.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0230	12/16/2011	CHPE0230A-O1211S	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0230	12/16/2011	CHPE0230B-O1211S	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
95DP0230	12/16/2011	CHPE0230C-O1211S	102.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
95DP0230	12/16/2011	CHPE0230A-O1211S	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230A-O1211S	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230B-O1211S	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/16/2011	CHPE0230C-O1211S	102.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230D-O1211S	112.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/19/2011	CHPE1230E-O1211S	122.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/19/2011	CHPE0230E-O1211S	122.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/19/2011	CHPE0230F-O1211S	132.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/19/2011	CHPE0230G-O1211S	142.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/19/2011	CHPE0230H-O1211S	152.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0230	12/19/2011	CHPE0230I-O1211S	162.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/19/2011	CHPE0230D-O1211S	112.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	US
95DP0230	12/19/2011	CHPE0230E-O1211S	122.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	US
95DP0230	12/19/2011	CHPE1230E-O1211S	122.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	US
95DP0230	12/19/2011	CHPE0230F-O1211S	132.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	US
95DP0230	12/19/2011	CHPE0230G-O1211S	142.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	US
95DP0230	12/19/2011	CHPE0230H-O1211S	152.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	US
95DP0230	12/19/2011	CHPE0230I-O1211S	162.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	US
95DP0230	12/19/2011	CHPE0230D-O1211S	112.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230E-O1211S	122.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE1230E-O1211S	122.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230F-O1211S	132.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230G-O1211S	142.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230H-O1211S	152.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230I-O1211S	162.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230D-O1211S	112.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230E-O1211S	122.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE1230E-O1211S	122.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230F-O1211S	132.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230G-O1211S	142.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230H-O1211S	152.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230I-O1211S	162.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE1230E-O1211S	122.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0230	12/19/2011	CHPE0230E-O1211S	122.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0230	12/19/2011	CHPE0230D-O1211S	112.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0230	12/19/2011	CHPE0230F-O1211S	132.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230G-O1211S	142.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230H-O1211S	152.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230I-O1211S	162.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230D-O1211S	112.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2.7	0.2	1	µg/L	S
95DP0230	12/19/2011	CHPE0230E-O1211S	122.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3.5	0.2	1	µg/L	S
95DP0230	12/19/2011	CHPE1230E-O1211S	122.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3.5	0.2	1	µg/L	S
95DP0230	12/19/2011	CHPE0230F-O1211S	132.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230G-O1211S	142.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230H-O1211S	152.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230I-O1211S	162.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230F-O1211S	132.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0230	12/19/2011	CHPE0230D-O1211S	112.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	21	0.19	1	µg/L	S
95DP0230	12/19/2011	CHPE1230E-O1211S	122.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	27	0.19	1	µg/L	S
95DP0230	12/19/2011	CHPE0230E-O1211S	122.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	27	0.19	1	µg/L	S
95DP0230	12/19/2011	CHPE0230G-O1211S	142.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0230	12/19/2011	CHPE0230H-O1211S	152.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0230	12/19/2011	CHPE0230I-O1211S	162.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0230	12/19/2011	CHPE0230F-O1211S	132.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
95DP0230	12/19/2011	CHPE0230D-O1211S	112.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.1	0.2	1	µg/L	S
95DP0230	12/19/2011	CHPE1230E-O1211S	122.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	6.7	0.2	1	µg/L	S
95DP0230	12/19/2011	CHPE0230E-O1211S	122.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	6.8	0.2	1	µg/L	S
95DP0230	12/19/2011	CHPE0230G-O1211S	142.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230H-O1211S	152.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230I-O1211S	162.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230D-O1211S	112.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230E-O1211S	122.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE1230E-O1211S	122.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230F-O1211S	132.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230G-O1211S	142.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230H-O1211S	152.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/19/2011	CHPE0230I-O1211S	162.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/20/2011	CHPE0230J-O1211S	172.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/20/2011	CHPE0230J-O1211S	172.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0230	12/20/2011	CHPE0230J-O1211S	172.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/20/2011	CHPE0230J-O1211S	172.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/20/2011	CHPE0230J-O1211S	172.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0230	12/20/2011	CHPE0230J-O1211S	172.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0230	12/20/2011	CHPE0230J-O1211S	172.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0230	12/20/2011	CHPE0230J-O1211S	172.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0230	12/20/2011	CHPE0230J-O1211S	172.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/21/2011	CHPE0230K-O1211S	182.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0230	12/21/2011	CHPE0230K-O1211S	182.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0230	12/21/2011	CHPE0230K-O1211S	182.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0230	12/21/2011	CHPE0230K-O1211S	182.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0230	12/21/2011	CHPE0230K-O1211S	182.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0230	12/21/2011	CHPE0230K-O1211S	182.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0230	12/21/2011	CHPE0230K-O1211S	182.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0230	12/21/2011	CHPE0230K-O1211S	182.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0230	12/21/2011	CHPE0230K-O1211S	182.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231A-O1211S	77.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0231	12/27/2011	CHPE0231B-O1211S	87.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0231	12/27/2011	CHPE0231C-O1211S	97.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0231	12/27/2011	CHPE0231D-O1211S	107.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0231	12/27/2011	CHPE0231E-O1211S	117.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0231	12/27/2011	CHPE1231E-O1211S	117.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0231	12/27/2011	CHPE0231D-O1211S	107.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	BRL	0.19	1	µg/L	JS
95DP0231	12/27/2011	CHPE0231A-O1211S	77.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0231	12/27/2011	CHPE0231B-O1211S	87.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0231	12/27/2011	CHPE0231C-O1211S	97.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0231	12/27/2011	CHPE1231E-O1211S	117.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0231	12/27/2011	CHPE0231E-O1211S	117.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0231	12/27/2011	CHPE0231A-O1211S	77.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231B-O1211S	87.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231C-O1211S	97.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231D-O1211S	107.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231E-O1211S	117.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE1231E-O1211S	117.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231A-O1211S	77.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231B-O1211S	87.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231C-O1211S	97.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231D-O1211S	107.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231E-O1211S	117.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE1231E-O1211S	117.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231C-O1211S	97.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0231	12/27/2011	CHPE0231B-O1211S	87.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
95DP0231	12/27/2011	CHPE0231A-O1211S	77.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
95DP0231	12/27/2011	CHPE0231D-O1211S	107.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231E-O1211S	117.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE1231E-O1211S	117.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231E-O1211S	117.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
95DP0231	12/27/2011	CHPE1231E-O1211S	117.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
95DP0231	12/27/2011	CHPE0231C-O1211S	97.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.2	0.2	1	µg/L	S
95DP0231	12/27/2011	CHPE0231D-O1211S	107.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3.3	0.2	1	µg/L	S
95DP0231	12/27/2011	CHPE0231A-O1211S	77.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231B-O1211S	87.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231C-O1211S	97.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	10	0.19	1	µg/L	S
95DP0231	12/27/2011	CHPE0231D-O1211S	107.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	17	0.19	1	µg/L	S
95DP0231	12/27/2011	CHPE0231A-O1211S	77.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0231	12/27/2011	CHPE0231B-O1211S	87.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0231	12/27/2011	CHPE0231E-O1211S	117.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0231	12/27/2011	CHPE1231E-O1211S	117.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0231	12/27/2011	CHPE1231E-O1211S	117.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.5	0.2	1	µg/L	S
95DP0231	12/27/2011	CHPE0231E-O1211S	117.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.7	0.2	1	µg/L	S
95DP0231	12/27/2011	CHPE0231C-O1211S	97.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.5	0.2	1	µg/L	S
95DP0231	12/27/2011	CHPE0231D-O1211S	107.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	13	0.2	1	µg/L	S
95DP0231	12/27/2011	CHPE0231A-O1211S	77.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231B-O1211S	87.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231A-O1211S	77.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231B-O1211S	87.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231C-O1211S	97.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231D-O1211S	107.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE1231E-O1211S	117.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/27/2011	CHPE0231E-O1211S	117.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0231	12/28/2011	CHPE0231F-O1211S	127.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0231	12/28/2011	CHPE0231G-O1211S	137.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0231	12/28/2011	CHPE0231F-O1211S	127.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0231	12/28/2011	CHPE0231G-O1211S	137.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0231	12/28/2011	CHPE0231F-O1211S	127.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231G-O1211S	137.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231F-O1211S	127.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231G-O1211S	137.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231F-O1211S	127.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231G-O1211S	137.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231F-O1211S	127.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231G-O1211S	137.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231F-O1211S	127.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0231	12/28/2011	CHPE0231G-O1211S	137.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0231	12/28/2011	CHPE0231F-O1211S	127.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231G-O1211S	137.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231F-O1211S	127.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0231	12/28/2011	CHPE0231G-O1211S	137.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232A-O1211S	77.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0232	1/4/2012	CHPE0232B-O1211S	87.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0232	1/4/2012	CHPE0232C-O1211S	97.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0232	1/4/2012	CHPE0232A-O1211S	77.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0232	1/4/2012	CHPE0232B-O1211S	87.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0232	1/4/2012	CHPE0232C-O1211S	97.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0232	1/4/2012	CHPE0232A-O1211S	77.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232B-O1211S	87.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232C-O1211S	97.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232A-O1211S	77.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232B-O1211S	87.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232C-O1211S	97.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232C-O1211S	97.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0232	1/4/2012	CHPE0232A-O1211S	77.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
95DP0232	1/4/2012	CHPE0232B-O1211S	87.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
95DP0232	1/4/2012	CHPE0232C-O1211S	97.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
95DP0232	1/4/2012	CHPE0232A-O1211S	77.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232B-O1211S	87.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232B-O1211S	87.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0232	1/4/2012	CHPE0232C-O1211S	97.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.9	0.19	1	µg/L	S
95DP0232	1/4/2012	CHPE0232A-O1211S	77.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0232	1/4/2012	CHPE0232C-O1211S	97.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.9	0.2	1	µg/L	S
95DP0232	1/4/2012	CHPE0232A-O1211S	77.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232B-O1211S	87.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232A-O1211S	77.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0232	1/4/2012	CHPE0232B-O1211S	87.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/4/2012	CHPE0232C-O1211S	97.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE0232D-O1211S	107.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0232	1/5/2012	CHPE0232E-O1211S	117.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0232	1/5/2012	CHPE1232E-O1211S	117.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0232	1/5/2012	CHPE0232D-O1211S	107.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0232	1/5/2012	CHPE0232E-O1211S	117.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0232	1/5/2012	CHPE1232E-O1211S	117.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0232	1/5/2012	CHPE0232D-O1211S	107.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE0232E-O1211S	117.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE1232E-O1211S	117.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE0232D-O1211S	107.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE0232E-O1211S	117.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE1232E-O1211S	117.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE0232D-O1211S	107.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0232	1/5/2012	CHPE1232E-O1211S	117.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE0232E-O1211S	117.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE0232D-O1211S	107.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.6	0.2	1	µg/L	S
95DP0232	1/5/2012	CHPE0232E-O1211S	117.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE1232E-O1211S	117.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE1232E-O1211S	117.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0232	1/5/2012	CHPE0232E-O1211S	117.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0232	1/5/2012	CHPE0232D-O1211S	107.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	23	0.19	1	µg/L	S
95DP0232	1/5/2012	CHPE0232E-O1211S	117.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
95DP0232	1/5/2012	CHPE0232D-O1211S	107.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.6	0.2	1	µg/L	S
95DP0232	1/5/2012	CHPE1232E-O1211S	117.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE0232D-O1211S	107.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE0232E-O1211S	117.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/5/2012	CHPE1232E-O1211S	117.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/6/2012	CHPE0232F-O1211S	127.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0232	1/6/2012	CHPE0232F-O1211S	127.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0232	1/6/2012	CHPE0232F-O1211S	127.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0232	1/6/2012	CHPE0232F-O1211S	127.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0232	1/6/2012	CHPE0232F-O1211S	127.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0232	1/6/2012	CHPE0232F-O1211S	127.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2.1	0.2	1	µg/L	S
95DP0232	1/6/2012	CHPE0232F-O1211S	127.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	16	0.19	1	µg/L	S
95DP0232	1/6/2012	CHPE0232F-O1211S	127.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.5	0.2	1	µg/L	S
95DP0232	1/6/2012	CHPE0232F-O1211S	127.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233A-O1211S	22.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/17/2012	CHPE0233B-O1211S	32.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/17/2012	CHPE0233C-O1211S	42.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/17/2012	CHPE0233A-O1211S	22.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0233	1/17/2012	CHPE0233B-O1211S	32.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0233	1/17/2012	CHPE0233C-O1211S	42.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0233	1/17/2012	CHPE0233A-O1211S	22.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233B-O1211S	32.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233C-O1211S	42.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233A-O1211S	22.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233B-O1211S	32.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233C-O1211S	42.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233B-O1211S	32.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0233	1/17/2012	CHPE0233C-O1211S	42.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0233	1/17/2012	CHPE0233A-O1211S	22.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233A-O1211S	22.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233B-O1211S	32.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233C-O1211S	42.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233A-O1211S	22.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/17/2012	CHPE0233B-O1211S	32.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/17/2012	CHPE0233C-O1211S	42.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/17/2012	CHPE0233A-O1211S	22.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233B-O1211S	32.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233C-O1211S	42.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233A-O1211S	22.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233B-O1211S	32.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/17/2012	CHPE0233C-O1211S	42.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233D-O1211S	52.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/19/2012	CHPE0233E-O1211S	62.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/19/2012	CHPE1233E-O1211S	62.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/19/2012	CHPE0233F-O1211S	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/19/2012	CHPE0233G-O1211S	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/19/2012	CHPE0233H-O1211S	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/19/2012	CHPE0233D-O1211S	52.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233E-O1211S	62.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE1233E-O1211S	62.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233F-O1211S	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233G-O1211S	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233H-O1211S	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233D-O1211S	52.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233E-O1211S	62.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE1233E-O1211S	62.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233F-O1211S	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233G-O1211S	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233H-O1211S	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233D-O1211S	52.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233E-O1211S	62.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE1233E-O1211S	62.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0233	1/19/2012	CHPE0233F-O1211S	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233G-O1211S	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233H-O1211S	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233I-O1211S	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0233	1/19/2012	CHPE0233J-O1211S	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0233	1/19/2012	CHPE0233K-O1211S	62.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
95DP0233	1/19/2012	CHPE1233E-O1211S	62.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
95DP0233	1/19/2012	CHPE0233F-O1211S	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.6	0.2	1	µg/L	S
95DP0233	1/19/2012	CHPE0233D-O1211S	52.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233D-O1211S	52.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE1233E-O1211S	62.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233E-O1211S	62.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233F-O1211S	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233G-O1211S	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233H-O1211S	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233D-O1211S	52.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE1233E-O1211S	62.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233E-O1211S	62.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233F-O1211S	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233G-O1211S	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233H-O1211S	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/19/2012	CHPE0233D-O1211S	52.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE1233E-O1211S	62.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233E-O1211S	62.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233F-O1211S	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233G-O1211S	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233H-O1211S	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233D-O1211S	52.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233E-O1211S	62.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE1233E-O1211S	62.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233F-O1211S	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233G-O1211S	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/19/2012	CHPE0233H-O1211S	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/20/2012	CHPE0233I-O1211S	102.4	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0233	1/20/2012	CHPE0233J-O1211S	102.4	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0233	1/20/2012	CHPE0233K-O1211S	102.4	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0233	1/20/2012	CHPE0233L-O1211S	102.4	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0233	1/20/2012	CHPE0233M-O1211S	102.4	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0233	1/20/2012	CHPE0233N-O1211S	102.4	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0233	1/20/2012	CHPE0233O-O1211S	102.4	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0233	1/20/2012	CHPE0233P-O1211S	102.4	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0233	1/20/2012	CHPE0233Q-O1211S	102.4	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234A-O1211S	27.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0234	12/6/2011	CHPE0234B-O1211S	37.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/6/2011	CHPE0234C-O1211S	47.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/6/2011	CHPE0234D-O1211S	57.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/6/2011	CHPE1234E-O1211S	67.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/6/2011	CHPE0234E-O1211S	67.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/6/2011	CHPE0234A-O1211S	27.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234B-O1211S	37.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234C-O1211S	47.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234D-O1211S	57.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE1234E-O1211S	67.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234E-O1211S	67.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234A-O1211S	27.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234B-O1211S	37.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234C-O1211S	47.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234D-O1211S	57.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE1234E-O1211S	67.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234E-O1211S	67.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234A-O1211S	27.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234B-O1211S	37.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234C-O1211S	47.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234D-O1211S	57.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234E-O1211S	67.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE1234E-O1211S	67.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234B-O1211S	37.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0234	12/6/2011	CHPE0234A-O1211S	27.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
95DP0234	12/6/2011	CHPE0234C-O1211S	47.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	S
95DP0234	12/6/2011	CHPE1234E-O1211S	67.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	1.8	0.2	1	µg/L	S
95DP0234	12/6/2011	CHPE0234E-O1211S	67.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.9	0.2	1	µg/L	S
95DP0234	12/6/2011	CHPE0234D-O1211S	57.5	N1	WA	SW8260B	SW5030	CHLOROFORM	2.2	0.2	1	µg/L	S
95DP0234	12/6/2011	CHPE0234A-O1211S	27.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234B-O1211S	37.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234C-O1211S	47.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234D-O1211S	57.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234E-O1211S	67.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE1234E-O1211S	67.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234A-O1211S	27.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234B-O1211S	37.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234C-O1211S	47.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234D-O1211S	57.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE1234E-O1211S	67.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234E-O1211S	67.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/6/2011	CHPE0234A-O1211S	27.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234B-O1211S	37.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0234	12/6/2011	CHPE0234C-O1211S	47.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234D-O1211S	57.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE1234E-O1211S	67.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234E-O1211S	67.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234A-O1211S	27.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234B-O1211S	37.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234C-O1211S	47.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234D-O1211S	57.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE1234E-O1211S	67.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/6/2011	CHPE0234E-O1211S	67.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234F-O1211S	77.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/7/2011	CHPE0234G-O1211S	87.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/7/2011	CHPE0234H-O1211S	97.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/7/2011	CHPE0234I-O1211S	107.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/7/2011	CHPE0234J-O1211S	117.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/7/2011	CHPE0234K-O1211S	127.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/7/2011	CHPE0234L-O1211S	137.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/7/2011	CHPE0234F-O1211S	77.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234G-O1211S	87.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234H-O1211S	97.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234I-O1211S	107.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234J-O1211S	117.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234K-O1211S	127.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234L-O1211S	137.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234F-O1211S	77.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234G-O1211S	87.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234H-O1211S	97.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234I-O1211S	107.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234J-O1211S	117.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234K-O1211S	127.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234L-O1211S	137.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234F-O1211S	77.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234G-O1211S	87.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234H-O1211S	97.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234I-O1211S	107.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234J-O1211S	117.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234K-O1211S	127.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234L-O1211S	137.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234F-O1211S	77.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0234	12/7/2011	CHPE0234G-O1211S	87.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234H-O1211S	97.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234I-O1211S	107.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234J-O1211S	117.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0234	12/7/2011	CHPE0234K-O1211S	127.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234L-O1211S	137.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234K-O1211S	127.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.9	0.2	1	µg/L	S
95DP0234	12/7/2011	CHPE0234I-O1211S	107.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2.5	0.2	1	µg/L	S
95DP0234	12/7/2011	CHPE0234J-O1211S	117.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2.8	0.2	1	µg/L	S
95DP0234	12/7/2011	CHPE0234L-O1211S	137.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	11	0.2	1	µg/L	S
95DP0234	12/7/2011	CHPE0234F-O1211S	77.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234G-O1211S	87.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234H-O1211S	97.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234L-O1211S	137.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0234	12/7/2011	CHPE0234I-O1211S	107.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0234	12/7/2011	CHPE0234K-O1211S	127.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0234	12/7/2011	CHPE0234J-O1211S	117.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0234	12/7/2011	CHPE0234F-O1211S	77.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234G-O1211S	87.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234H-O1211S	97.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/7/2011	CHPE0234J-O1211S	117.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
95DP0234	12/7/2011	CHPE0234L-O1211S	137.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.2	1	µg/L	S
95DP0234	12/7/2011	CHPE0234F-O1211S	77.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234G-O1211S	87.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234H-O1211S	97.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234I-O1211S	107.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234K-O1211S	127.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234F-O1211S	77.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234G-O1211S	87.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234H-O1211S	97.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234I-O1211S	107.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234J-O1211S	117.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234K-O1211S	127.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/7/2011	CHPE0234L-O1211S	137.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234M-O1211S	147.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/9/2011	CHPE0234N-O1211S	157.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/9/2011	CHPE0234O-O1211S	167.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/9/2011	CHPE0234P-O1211S	177.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/9/2011	CHPE0234M-O1211S	147.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/9/2011	CHPE0234N-O1211S	157.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/9/2011	CHPE0234O-O1211S	167.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/9/2011	CHPE0234P-O1211S	177.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/9/2011	CHPE0234O-O1211S	167.5	N1	WA	SW8260B	SW5030	BENZENE	BRL	0.2	1	µg/L	JS
95DP0234	12/9/2011	CHPE0234M-O1211S	147.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234N-O1211S	157.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234P-O1211S	177.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234M-O1211S	147.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0234	12/9/2011	CHPE0234N-O1211S	157.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234O-O1211S	167.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234P-O1211S	177.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234M-O1211S	147.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234N-O1211S	157.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234O-O1211S	167.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234P-O1211S	177.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234N-O1211S	157.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3.9	0.2	1	µg/L	S
95DP0234	12/9/2011	CHPE0234M-O1211S	147.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	25	0.2	1	µg/L	S
95DP0234	12/9/2011	CHPE0234P-O1211S	177.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	30	0.2	1	µg/L	S
95DP0234	12/9/2011	CHPE0234O-O1211S	167.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	45	0.2	1	µg/L	S
95DP0234	12/9/2011	CHPE0234N-O1211S	157.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0234	12/9/2011	CHPE0234M-O1211S	147.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95DP0234	12/9/2011	CHPE0234P-O1211S	177.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	S
95DP0234	12/9/2011	CHPE0234O-O1211S	167.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.7	0.19	1	µg/L	S
95DP0234	12/9/2011	CHPE0234N-O1211S	157.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
95DP0234	12/9/2011	CHPE0234M-O1211S	147.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.8	0.2	1	µg/L	S
95DP0234	12/9/2011	CHPE0234P-O1211S	177.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.3	0.2	1	µg/L	S
95DP0234	12/9/2011	CHPE0234O-O1211S	167.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	14	0.2	1	µg/L	S
95DP0234	12/9/2011	CHPE0234M-O1211S	147.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234N-O1211S	157.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234O-O1211S	167.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/9/2011	CHPE0234P-O1211S	177.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/12/2011	CHPE0234Q-O1211S	187.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/12/2011	CHPE0234R-O1211S	197.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/12/2011	CHPE0234Q-O1211S	187.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/12/2011	CHPE0234R-O1211S	197.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95DP0234	12/12/2011	CHPE0234Q-O1211S	187.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/12/2011	CHPE0234R-O1211S	197.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/12/2011	CHPE0234Q-O1211S	187.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/12/2011	CHPE0234R-O1211S	197.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/12/2011	CHPE0234Q-O1211S	187.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/12/2011	CHPE0234R-O1211S	197.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95DP0234	12/12/2011	CHPE0234Q-O1211S	187.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
95DP0234	12/12/2011	CHPE0234R-O1211S	197.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
95DP0234	12/12/2011	CHPE0234Q-O1211S	187.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/12/2011	CHPE0234R-O1211S	197.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/12/2011	CHPE0234R-O1211S	197.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
95DP0234	12/12/2011	CHPE0234Q-O1211S	187.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
95DP0234	12/12/2011	CHPE0234Q-O1211S	187.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/12/2011	CHPE0234R-O1211S	197.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/13/2011	CHPE0234S-O1211S	207.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95DP0234	12/13/2011	CHPE0234S-O1211S	207.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95DP0234	12/13/2011	CHPE0234S-O1211S	207.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95DP0234	12/13/2011	CHPE0234S-O1211S	207.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95DP0234	12/13/2011	CHPE0234S-O1211S	207.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
95DP0234	12/13/2011	CHPE0234S-O1211S	207.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95DP0234	12/13/2011	CHPE0234S-O1211S	207.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95DP0234	12/13/2011	CHPE0234S-O1211S	207.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95DP0234	12/13/2011	CHPE0234S-O1211S	207.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95MW0103	9/6/2011	CHPE00103-A0811DIFS	105.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95MW0103	9/6/2011	CHPE00103-A0811DIFS	105.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95MW0103	9/6/2011	CHPE00103-A0811DIFS	105.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95MW0103	9/6/2011	CHPE00103-A0811DIFS	105.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95MW0103	9/6/2011	CHPE00103-A0811DIFS	105.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.4	0.16	1	µg/L	S
95MW0103	9/6/2011	CHPE00103-A0811DIFS	105.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95MW0103	9/6/2011	CHPE00103-A0811DIFS	105.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.28	1	µg/L	JS
95MW0103	9/6/2011	CHPE00103-A0811DIFS	105.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
95MW0103	9/6/2011	CHPE00103-A0811DIFS	105.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95MW0104	8/19/2011	CHPE00104-A0811DIFS	104	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95MW0104	8/19/2011	CHPE00104-A0811DIFS	104	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95MW0104	8/19/2011	CHPE00104-A0811DIFS	104	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95MW0104	8/19/2011	CHPE00104-A0811DIFS	104	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95MW0104	8/19/2011	CHPE00104-A0811DIFS	104	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95MW0104	8/19/2011	CHPE00104-A0811DIFS	104	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.16	1	µg/L	JS
95MW0104	8/19/2011	CHPE00104-A0811DIFS	104	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.6	0.28	1	µg/L	S
95MW0104	8/19/2011	CHPE00104-A0811DIFS	104	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
95MW0104	8/19/2011	CHPE00104-A0811DIFS	104	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95MW0106	8/19/2011	CHPE00106-A0811DIFS	103.2	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95MW0106	8/19/2011	CHPE10106-A0811DIFS	103.2	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95MW0106	8/19/2011	CHPE00106-A0811DIFS	103.2	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95MW0106	8/19/2011	CHPE10106-A0811DIFS	103.2	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95MW0106	8/19/2011	CHPE00106-A0811DIFS	103.2	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95MW0106	8/19/2011	CHPE10106-A0811DIFS	103.2	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95MW0106	8/19/2011	CHPE00106-A0811DIFS	103.2	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95MW0106	8/19/2011	CHPE10106-A0811DIFS	103.2	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95MW0106	8/19/2011	CHPE10106-A0811DIFS	103.2	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95MW0106	8/19/2011	CHPE00106-A0811DIFS	103.2	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95MW0106	8/19/2011	CHPE00106-A0811DIFS	103.2	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1	0.16	1	µg/L	S
95MW0106	8/19/2011	CHPE10106-A0811DIFS	103.2	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.1	0.16	1	µg/L	S
95MW0106	8/19/2011	CHPE00106-A0811DIFS	103.2	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4	0.28	1	µg/L	S
95MW0106	8/19/2011	CHPE10106-A0811DIFS	103.2	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4	0.28	1	µg/L	S
95MW0106	8/19/2011	CHPE10106-A0811DIFS	103.2	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.27	1	µg/L	S
95MW0106	8/19/2011	CHPE00106-A0811DIFS	103.2	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.27	1	µg/L	S
95MW0106	8/19/2011	CHPE00106-A0811DIFS	103.2	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95MW0106	8/19/2011	CHPE10106-A0811DIFS	103.2	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95MW0107B	5/5/2011	CHPE0107B-T0411	65.5	N1	WG	SW6020A	SW3020A	THALLIUM	ND	0.027	0.2	µg/L	U
95MW0107B	5/5/2011	CHPE0107B-T0411F	65.5	N1	WG	SW6020A	FLDFLT	THALLIUM, DISSOLVED	ND	0.027	0.2	µg/L	U
95MW0109B	5/4/2011	CHPE0109B-T0411	82.5	N1	WG	SW6010B	SW3010A	MANGANESE	400	5.3	15	µg/L	
95MW0109B	5/4/2011	CHPE0109B-T0411F	82.5	N1	WG	SW6010B	FLDFLT	MANGANESE	400	5.3	15	µg/L	
95MW1170B	11/21/2011	CHPE0170B-O1111DIFS	149.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95MW1170B	11/21/2011	CHPE1170B-O1111DIFS	149.5	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95MW1170B	11/21/2011	CHPE0170B-O1111DIFS	149.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95MW1170B	11/21/2011	CHPE1170B-O1111DIFS	149.5	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95MW1170B	11/21/2011	CHPE1170B-O1111DIFS	149.5	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95MW1170B	11/21/2011	CHPE0170B-O1111DIFS	149.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95MW1170B	11/21/2011	CHPE0170B-O1111DIFS	149.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95MW1170B	11/21/2011	CHPE1170B-O1111DIFS	149.5	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95MW1170B	11/21/2011	CHPE0170B-O1111DIFS	149.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95MW1170B	11/21/2011	CHPE1170B-O1111DIFS	149.5	FD1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95MW1170B	11/21/2011	CHPE0170B-O1111DIFS	149.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	5.9	0.2	1	µg/L	S
95MW1170B	11/21/2011	CHPE1170B-O1111DIFS	149.5	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	6	0.2	1	µg/L	S
95MW1170B	11/21/2011	CHPE0170B-O1111DIFS	149.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95MW1170B	11/21/2011	CHPE1170B-O1111DIFS	149.5	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
95MW1170B	11/21/2011	CHPE1170B-O1111DIFS	149.5	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.2	1	µg/L	S
95MW1170B	11/21/2011	CHPE0170B-O1111DIFS	149.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.2	0.2	1	µg/L	S
95MW1170B	11/21/2011	CHPE1170B-O1111DIFS	149.5	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95MW1170B	11/21/2011	CHPE0170B-O1111DIFS	149.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95MW1172A	8/19/2011	CHPE0172A-A0811DIFS	177	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95MW1172A	8/19/2011	CHPE0172A-A0811DIFS	177	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95MW1172A	8/19/2011	CHPE0172A-A0811DIFS	177	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95MW1172A	8/19/2011	CHPE0172A-A0811DIFS	177	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95MW1172A	8/19/2011	CHPE0172A-A0811DIFS	177	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
95MW1172A	8/19/2011	CHPE0172A-A0811DIFS	177	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	7.4	0.16	1	µg/L	S
95MW1172A	8/19/2011	CHPE0172A-A0811DIFS	177	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.2	0.28	1	µg/L	S
95MW1172A	8/19/2011	CHPE0172A-A0811DIFS	177	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.27	1	µg/L	S
95MW1172A	8/19/2011	CHPE0172A-A0811DIFS	177	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95MW1173A	8/23/2011	CHPE0173A-A0811DIFS	186.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95MW1173A	8/23/2011	CHPE0173A-A0811DIFS	186.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95MW1173A	8/23/2011	CHPE0173A-A0811DIFS	186.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95MW1173A	8/23/2011	CHPE0173A-A0811DIFS	186.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95MW1173A	8/23/2011	CHPE0173A-A0811DIFS	186.4	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
95MW1173A	8/23/2011	CHPE0173A-A0811DIFS	186.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95MW1173A	8/23/2011	CHPE0173A-A0811DIFS	186.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.28	1	µg/L	JS
95MW1173A	8/23/2011	CHPE0173A-A0811DIFS	186.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.27	1	µg/L	S
95MW1173A	8/23/2011	CHPE0173A-A0811DIFS	186.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95MW1232A	8/19/2011	CHPE0232A-A0811DIFS	195.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95MW1232A	8/19/2011	CHPE0232A-A0811DIFS	195.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95MW1232A	8/19/2011	CHPE0232A-A0811DIFS	195.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95MW1232A	8/19/2011	CHPE0232A-A0811DIFS	195.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95MW1232A	8/19/2011	CHPE0232A-A0811DIFS	195.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95MW1232A	8/19/2011	CHPE0232A-A0811DIFS	195.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95MW1232A	8/19/2011	CHPE0232A-A0811DIFS	195.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	9.6	0.28	1	µg/L	S
95MW1232A	8/19/2011	CHPE0232A-A0811DIFS	195.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
95MW1232A	8/19/2011	CHPE0232A-A0811DIFS	195.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95MW1234B	10/24/2011	CHPE0234B-O1011DIFS	142.54	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
95MW1234B	10/24/2011	CHPE0234B-O1011DIFS	142.54	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
95MW1234B	10/24/2011	CHPE0234B-O1011DIFS	142.54	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
95MW1234B	10/24/2011	CHPE0234B-O1011DIFS	142.54	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
95MW1234B	10/24/2011	CHPE0234B-O1011DIFS	142.54	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
95MW1234B	10/24/2011	CHPE0234B-O1011DIFS	142.54	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95MW1234B	10/24/2011	CHPE0234B-O1011DIFS	142.54	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
95MW1234B	10/24/2011	CHPE0234B-O1011DIFS	142.54	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
95MW1234B	10/24/2011	CHPE0234B-O1011DIFS	142.54	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
95MW1234C	8/19/2011	CHPE0234C-A0811DIFS	102.59	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95MW1234C	8/19/2011	CHPE1234C-A0811DIFS	102.59	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95MW1234C	8/19/2011	CHPE0234C-A0811DIFS	102.59	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95MW1234C	8/19/2011	CHPE1234C-A0811DIFS	102.59	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95MW1234C	8/19/2011	CHPE0234C-A0811DIFS	102.59	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95MW1234C	8/19/2011	CHPE1234C-A0811DIFS	102.59	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95MW1234C	8/19/2011	CHPE0234C-A0811DIFS	102.59	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95MW1234C	8/19/2011	CHPE1234C-A0811DIFS	102.59	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95MW1234C	8/19/2011	CHPE0234C-A0811DIFS	102.59	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
95MW1234C	8/19/2011	CHPE1234C-A0811DIFS	102.59	FD1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
95MW1234C	8/19/2011	CHPE1234C-A0811DIFS	102.59	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.7	0.16	1	µg/L	S
95MW1234C	8/19/2011	CHPE0234C-A0811DIFS	102.59	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.8	0.16	1	µg/L	S
95MW1234C	8/19/2011	CHPE0234C-A0811DIFS	102.59	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	6.5	0.28	1	µg/L	S
95MW1234C	8/19/2011	CHPE1234C-A0811DIFS	102.59	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	7.2	0.28	1	µg/L	S
95MW1234C	8/19/2011	CHPE0234C-A0811DIFS	102.59	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.7	0.27	1	µg/L	S
95MW1234C	8/19/2011	CHPE1234C-A0811DIFS	102.59	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.9	0.27	1	µg/L	S
95MW1234C	8/19/2011	CHPE1234C-A0811DIFS	102.59	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95MW1234C	8/19/2011	CHPE0234C-A0811DIFS	102.59	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.7	0.2	1	µg/L	
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.7	0.19	1	µg/L	
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.3	0.2	1	µg/L	
95PLT01001	1/25/2011	CHTE01001-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.9	0.2	1	µg/L	
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	6.3	0.19	1	µg/L	J
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.1	0.2	1	µg/L	
95PLT01001	2/25/2011	CHTE01001-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.6	0.2	1	µg/L	
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.8	0.19	1	µg/L	
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.6	0.2	1	µg/L	
95PLT01001	3/25/2011	CHTE01001-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.8	0.2	1	µg/L	
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.5	0.19	1	µg/L	
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.4	0.2	1	µg/L	
95PLT01001	4/25/2011	CHTE01001-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.6	0.2	1	µg/L	
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.7	0.19	1	µg/L	
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	UJ
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.5	0.2	1	µg/L	
95PLT01001	5/25/2011	CHTE01001-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	6/27/2011	CHTE01001-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT01001	6/27/2011	CHTE01001-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT01001	6/27/2011	CHTE01001-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT01001	6/27/2011	CHTE01001-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT01001	6/27/2011	CHTE01001-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT01001	6/27/2011	CHTE01001-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.8	0.16	1	µg/L	S
95PLT01001	6/27/2011	CHTE01001-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.5	0.28	1	µg/L	S
95PLT01001	6/27/2011	CHTE01001-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.5	0.27	1	µg/L	S
95PLT01001	6/27/2011	CHTE01001-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT01001	7/27/2011	CHTE01001-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT01001	7/27/2011	CHTE01001-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT01001	7/27/2011	CHTE01001-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT01001	7/27/2011	CHTE01001-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT01001	7/27/2011	CHTE01001-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT01001	7/27/2011	CHTE01001-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.9	0.16	1	µg/L	S
95PLT01001	7/27/2011	CHTE01001-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	6.1	0.28	1	µg/L	S
95PLT01001	7/27/2011	CHTE01001-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.4	0.27	1	µg/L	S
95PLT01001	7/27/2011	CHTE01001-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT01001	8/25/2011	CHTE01001-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT01001	8/25/2011	CHTE01001-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT01001	8/25/2011	CHTE01001-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT01001	8/25/2011	CHTE01001-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT01001	8/25/2011	CHTE01001-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT01001	8/25/2011	CHTE01001-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.7	0.16	1	µg/L	S
95PLT01001	8/25/2011	CHTE01001-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.7	0.28	1	µg/L	S
95PLT01001	8/25/2011	CHTE01001-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.4	0.27	1	µg/L	S
95PLT01001	8/25/2011	CHTE01001-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2.1	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.2	0.19	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.7	0.2	1	µg/L	U
95PLT01001	9/27/2011	CHTE01001-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.8	0.2	1	µg/L	
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.6	0.19	1	µg/L	
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.4	0.2	1	µg/L	
95PLT01001	10/27/2011	CHTE01001-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.7	0.2	1	µg/L	
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.2	0.19	1	µg/L	
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.3	0.2	1	µg/L	
95PLT01001	11/28/2011	CHTE01001-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2	0.2	1	µg/L	
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5	0.19	1	µg/L	
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.5	0.2	1	µg/L	
95PLT01001	12/27/2011	CHTE01001-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.4	0.2	1	µg/L	
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	UJ
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01002	1/25/2011	CHTE01002-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.2	0.2	1	µg/L	
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01002	2/25/2011	CHTE01002-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.3	0.2	1	µg/L	
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01002	3/25/2011	CHTE01002-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.5	0.2	1	µg/L	
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01002	4/25/2011	CHTE01002-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.4	0.2	1	µg/L	
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	UJ
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01002	5/25/2011	CHTE01002-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	6/27/2011	CHTE01002-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT01002	6/27/2011	CHTE01002-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT01002	6/27/2011	CHTE01002-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT01002	6/27/2011	CHTE01002-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT01002	6/27/2011	CHTE01002-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT01002	6/27/2011	CHTE01002-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.5	0.16	1	µg/L	S
95PLT01002	6/27/2011	CHTE01002-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.28	1	µg/L	JS
95PLT01002	6/27/2011	CHTE01002-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
95PLT01002	6/27/2011	CHTE01002-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT01002	7/27/2011	CHTE01002-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01002	7/27/2011	CHTE01002-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.2	1	µg/L	US
95PLT01002	7/27/2011	CHTE01002-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT01002	7/27/2011	CHTE01002-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT01002	7/27/2011	CHTE01002-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT01002	7/27/2011	CHTE01002-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.4	0.16	1	µg/L	S
95PLT01002	7/27/2011	CHTE01002-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.1	0.28	1	µg/L	S
95PLT01002	7/27/2011	CHTE01002-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.27	1	µg/L	S
95PLT01002	7/27/2011	CHTE01002-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROENZENE	ND	0.21	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROENZENE	ND	0.16	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROENZENE	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROENZENE	ND	0.19	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROENZENE	ND	0.17	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.1	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01002	11/28/2011	CHTE01002-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.4	0.2	1	µg/L	
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01002	12/27/2011	CHTE01002-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01003	8/25/2011	CHTE01003-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT01003	8/25/2011	CHTE01003-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01003	8/25/2011	CHTE01003-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT01003	8/25/2011	CHTE01003-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT01003	8/25/2011	CHTE01003-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT01003	8/25/2011	CHTE01003-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.16	1	µg/L	JS
95PLT01003	8/25/2011	CHTE01003-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
95PLT01003	8/25/2011	CHTE01003-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
95PLT01003	8/25/2011	CHTE01003-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.5	0.2	1	µg/L	
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01003	9/27/2011	CHTE01003-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.7	0.2	1	µg/L	
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01003	10/10/2011	CHTE01003-R1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.4	0.2	1	µg/L	
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01003	10/27/2011	CHTE01003-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	1/25/2011	CHTE01004-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	2/25/2011	CHTE01004-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	3/25/2011	CHTE01004-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	4/25/2011	CHTE01004-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Ashmet Valley Plume 2011 Summary Letter Report

Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	UJ
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	5/25/2011	CHTE01004-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROENZENE	ND	0.21	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.2	0.2	1	µg/L	
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	6/27/2011	CHTE01004-M0711	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.2	0.2	1	µg/L	
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	7/27/2011	CHTE01004-M0811	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	8/25/2011	CHTE01004-M0911	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01004	9/27/2011	CHTE01004-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01004	10/10/2011	CHTE01004-R1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

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95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT01004	10/27/2011	CHTE01004-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	11/28/2011	CHTE01004-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT01004	12/27/2011	CHTE01004-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.3	0.19	1	µg/L	
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03001	1/25/2011	CHTE03001-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	J
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03001	2/25/2011	CHTE03001-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03001	3/25/2011	CHTE03001-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03001	4/25/2011	CHTE03001-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03001	5/25/2011	CHTE03001-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	6/27/2011	CHTE03001-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT03001	6/27/2011	CHTE03001-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT03001	6/27/2011	CHTE03001-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT03001	6/27/2011	CHTE03001-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT03001	6/27/2011	CHTE03001-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT03001	6/27/2011	CHTE03001-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PLT03001	6/27/2011	CHTE03001-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.6	0.28	1	µg/L	S
95PLT03001	6/27/2011	CHTE03001-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
95PLT03001	6/27/2011	CHTE03001-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT03001	7/27/2011	CHTE03001-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT03001	7/27/2011	CHTE03001-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT03001	7/27/2011	CHTE03001-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US

Attachment C
Analytical Laboratory Results, January - December 2011
Ashumet Valley Plume 2011 Summary Letter Report

Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03001	7/27/2011	CHTE03001-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT03001	7/27/2011	CHTE03001-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT03001	7/27/2011	CHTE03001-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PLT03001	7/27/2011	CHTE03001-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.9	0.28	1	µg/L	S
95PLT03001	7/27/2011	CHTE03001-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
95PLT03001	7/27/2011	CHTE03001-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT03001	8/25/2011	CHTE03001-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT03001	8/25/2011	CHTE03001-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT03001	8/25/2011	CHTE03001-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT03001	8/25/2011	CHTE03001-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT03001	8/25/2011	CHTE03001-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT03001	8/25/2011	CHTE03001-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PLT03001	8/25/2011	CHTE03001-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.3	0.28	1	µg/L	S
95PLT03001	8/25/2011	CHTE03001-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
95PLT03001	8/25/2011	CHTE03001-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Ashmet Valley Plume 2011 Summary Letter Report

Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03001	9/27/2011	CHTE03001-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROETHANE	ND	0.21	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03001	10/27/2011	CHTE03001-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.2	0.19	1	µg/L	
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03001	11/28/2011	CHTE03001-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03001	12/27/2011	CHTE03001-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03002	1/25/2011	CHTE03002-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03002	2/25/2011	CHTE03002-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03002	3/25/2011	CHTE03002-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03002	4/25/2011	CHTE03002-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03002	5/25/2011	CHTE03002-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	6/27/2011	CHTE03002-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT03002	6/27/2011	CHTE03002-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT03002	6/27/2011	CHTE03002-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT03002	6/27/2011	CHTE03002-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT03002	6/27/2011	CHTE03002-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT03002	6/27/2011	CHTE03002-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PLT03002	6/27/2011	CHTE03002-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.28	1	µg/L	JS
95PLT03002	6/27/2011	CHTE03002-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
95PLT03002	6/27/2011	CHTE03002-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT03002	7/27/2011	CHTE03002-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT03002	7/27/2011	CHTE03002-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT03002	7/27/2011	CHTE03002-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT03002	7/27/2011	CHTE03002-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT03002	7/27/2011	CHTE03002-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT03002	7/27/2011	CHTE03002-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PLT03002	7/27/2011	CHTE03002-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.28	1	µg/L	JS
95PLT03002	7/27/2011	CHTE03002-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
95PLT03002	7/27/2011	CHTE03002-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT03002	8/25/2011	CHTE03002-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT03002	8/25/2011	CHTE03002-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT03002	8/25/2011	CHTE03002-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT03002	8/25/2011	CHTE03002-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT03002	8/25/2011	CHTE03002-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT03002	8/25/2011	CHTE03002-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PLT03002	8/25/2011	CHTE03002-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.28	1	µg/L	JS
95PLT03002	8/25/2011	CHTE03002-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
95PLT03002	8/25/2011	CHTE03002-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03002	9/27/2011	CHTE03002-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03002	10/27/2011	CHTE03002-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03002	11/28/2011	CHTE03002-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03002	12/27/2011	CHTE03002-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	UJ
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03003	1/25/2011	CHTE03003-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03003	2/25/2011	CHTE03003-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROETHANE	ND	0.21	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U

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Analytical Laboratory Results, January - December 2011
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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03003	3/25/2011	CHTE03003-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03003	4/25/2011	CHTE03003-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03003	5/25/2011	CHTE03003-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	6/27/2011	CHTE03003-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT03003	6/27/2011	CHTE03003-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT03003	6/27/2011	CHTE03003-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT03003	6/27/2011	CHTE03003-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT03003	6/27/2011	CHTE03003-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03003	6/27/2011	CHTE03003-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PLT03003	6/27/2011	CHTE03003-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
95PLT03003	6/27/2011	CHTE03003-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
95PLT03003	6/27/2011	CHTE03003-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT03003	7/27/2011	CHTE03003-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT03003	7/27/2011	CHTE03003-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT03003	7/27/2011	CHTE03003-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT03003	7/27/2011	CHTE03003-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT03003	7/27/2011	CHTE03003-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT03003	7/27/2011	CHTE03003-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PLT03003	7/27/2011	CHTE03003-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
95PLT03003	7/27/2011	CHTE03003-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
95PLT03003	7/27/2011	CHTE03003-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT03003	8/25/2011	CHTE03003-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PLT03003	8/25/2011	CHTE03003-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PLT03003	8/25/2011	CHTE03003-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PLT03003	8/25/2011	CHTE03003-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PLT03003	8/25/2011	CHTE03003-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PLT03003	8/25/2011	CHTE03003-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PLT03003	8/25/2011	CHTE03003-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
95PLT03003	8/25/2011	CHTE03003-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
95PLT03003	8/25/2011	CHTE03003-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03003	9/27/2011	CHTE03003-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03003	10/27/2011	CHTE03003-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.17	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

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95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03003	11/28/2011	CHTE03003-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95PLT03003	12/27/2011	CHTE03003-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	1/25/2011	CHTE03005-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	2/25/2011	CHTE03005-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	3/25/2011	CHTE03005-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	4/25/2011	CHTE03005-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	5/25/2011	CHTE03005-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	6/27/2011	CHTE03005-M0711	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	7/27/2011	CHTE03005-M0811	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROENZENE	ND	0.21	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	8/25/2011	CHTE03005-M0911	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	9/27/2011	CHTE03005-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	10/27/2011	CHTE03005-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	11/28/2011	CHTE03005-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95PLT03005	12/27/2011	CHTE03005-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95PZ0003A	9/6/2011	CHPE0003A-A0811DIFS	89.45	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PZ0003A	9/6/2011	CHPE0003A-A0811DIFS	89.45	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PZ0003A	9/6/2011	CHPE0003A-A0811DIFS	89.45	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PZ0003A	9/6/2011	CHPE0003A-A0811DIFS	89.45	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PZ0003A	9/6/2011	CHPE0003A-A0811DIFS	89.45	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PZ0003A	9/6/2011	CHPE0003A-A0811DIFS	89.45	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PZ0003A	9/6/2011	CHPE0003A-A0811DIFS	89.45	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
95PZ0003A	9/6/2011	CHPE0003A-A0811DIFS	89.45	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
95PZ0003A	9/6/2011	CHPE0003A-A0811DIFS	89.45	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PZ0004A	9/6/2011	CHPE0004A-A0811DIFS	88.04	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PZ0004A	9/6/2011	CHPE0004A-A0811DIFS	88.04	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PZ0004A	9/6/2011	CHPE0004A-A0811DIFS	88.04	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PZ0004A	9/6/2011	CHPE0004A-A0811DIFS	88.04	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PZ0004A	9/6/2011	CHPE0004A-A0811DIFS	88.04	N1	WG	SW8260B	SW5030	CHLOROFORM	1.5	0.16	1	µg/L	S
95PZ0004A	9/6/2011	CHPE0004A-A0811DIFS	88.04	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US

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95PZ0004A	9/6/2011	CHPE0004A-A0811DIFS	88.04	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
95PZ0004A	9/6/2011	CHPE0004A-A0811DIFS	88.04	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
95PZ0004A	9/6/2011	CHPE0004A-A0811DIFS	88.04	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95PZ0005A	9/6/2011	CHPE0005A-A0811DIFS	106.52	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
95PZ0005A	9/6/2011	CHPE0005A-A0811DIFS	106.52	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
95PZ0005A	9/6/2011	CHPE0005A-A0811DIFS	106.52	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
95PZ0005A	9/6/2011	CHPE0005A-A0811DIFS	106.52	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
95PZ0005A	9/6/2011	CHPE0005A-A0811DIFS	106.52	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
95PZ0005A	9/6/2011	CHPE0005A-A0811DIFS	106.52	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
95PZ0005A	9/6/2011	CHPE0005A-A0811DIFS	106.52	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.28	1	µg/L	JS
95PZ0005A	9/6/2011	CHPE0005A-A0811DIFS	106.52	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
95PZ0005A	9/6/2011	CHPE0005A-A0811DIFS	106.52	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3000	6/10/2011	CHPE03000-S0611	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	BRL	0.2	1	µg/L	J
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3000	8/17/2011	CHPE03000-S0811	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3001	6/10/2011	CHPE03001-S0611	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

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95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3001	8/17/2011	CHPE03001-S0811	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95SW3002	6/10/2011	CHPE03002-S0611	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3002	8/17/2011	CHPE03002-S0811	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95SW3003	6/10/2011	CHPE03003-S0611	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	BRL	0.2	1	µg/L	J

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95SW3003	8/17/2011	CHPE03003-S0811	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95SW3004	6/10/2011	CHPE03004-S0611	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROENZENE	ND	0.21	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	BRL	0.2	1	µg/L	J
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3004	8/17/2011	CHPE03004-S0811	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95SW3005	6/10/2011	CHPE03005-S0611	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

Attachment C
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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	BRL	0.2	1	µg/L	J
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95SW3005	8/17/2011	CHPE03005-S0811	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

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Analytical Laboratory Results, January - December 2011
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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	FD1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	FD1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	FD1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
95SW3006	6/10/2011	CHPE03006-S0611	N/A	FD1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE03006-S0611	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3006	6/10/2011	CHPE13006-S0611	N/A	FD1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	CHLOROMETHANE	BRL	0.2	1	µg/L	J
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	BRL	0.2	1	µg/L	J
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE03006-S0811	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3006	8/17/2011	CHPE13006-S0811	N/A	FD1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.8	0.19	1	µg/L	
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
95SW3007	6/10/2011	CHPE03007-S0611	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

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95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SW3007	8/17/2011	CHPE03007-S0811	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SWAP01	4/27/2011	CHPV0AP01-S0511	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SWAP02	4/27/2011	CHPV0AP02-S0511	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SWAP03	4/27/2011	CHPV0AP03-S0511	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
USFW239064	5/4/2011	CHPE09064-T0411	62.2	N1	WG	SW6010B	SW3010A	MANGANESE	190	5.3	15	µg/L	
USFW239064	5/4/2011	CHPE09064-T0411F	62.2	N1	WG	SW6010B	FLDFLT	MANGANESE	190	5.3	15	µg/L	
USFW244090	5/4/2011	CHPE04090-T0411F	88.7	N1	WG	SW6010B	FLDFLT	MANGANESE	1200	5.3	15	µg/L	
USFW244090	5/4/2011	CHPE04090-T0411	88.7	N1	WG	SW6010B	SW3010A	MANGANESE	1300	5.3	15	µg/L	
USFW300010	5/6/2011	CHPE00010-T0411	8.93	N1	WG	SW6020A	SW3020A	THALLIUM	ND	0.027	0.2	µg/L	U
USFW300010	5/6/2011	CHPE00010-T0411F	8.93	N1	WG	SW6020A	FLDFLT	THALLIUM, DISSOLVED	ND	0.027	0.2	µg/L	U
USFW300030	5/6/2011	CHPE00030-T0411	28.65	N1	WG	SW6010B	SW3010A	MANGANESE	2300	5.3	15	µg/L	

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USFW300030	5/6/2011	CHPE00030-T0411F	28.65	N1	WG	SW6010B	FLDFLT	MANGANESE	2300	5.3	15	µg/L	
USFW300050	5/6/2011	CHPE10050-T0411F	49.4	FD1	WG	SW6010B	FLDFLT	MANGANESE	130	5.3	15	µg/L	
USFW300050	5/6/2011	CHPE00050-T0411F	49.4	N1	WG	SW6010B	FLDFLT	MANGANESE	140	5.3	15	µg/L	
USFW300050	5/6/2011	CHPE10050-T0411	49.4	FD1	WG	SW6010B	SW3010A	MANGANESE	180	5.3	15	µg/L	
USFW300050	5/6/2011	CHPE00050-T0411	49.4	N1	WG	SW6010B	SW3010A	MANGANESE	190	5.3	15	µg/L	
USFW300050	5/6/2011	CHPE10050-T0411	49.4	FD1	WG	SW6020A	SW3020A	THALLIUM	BRL	0.027	0.2	µg/L	J
USFW300050	5/6/2011	CHPE00050-T0411	49.4	N1	WG	SW6020A	SW3020A	THALLIUM	ND	0.027	0.2	µg/L	U
USFW300050	5/6/2011	CHPE00050-T0411F	49.4	N1	WG	SW6020A	FLDFLT	THALLIUM, DISSOLVED	ND	0.027	0.2	µg/L	U
USFW300050	5/6/2011	CHPE10050-T0411F	49.4	FD1	WG	SW6020A	FLDFLT	THALLIUM, DISSOLVED	ND	0.027	0.2	µg/L	U
USFW347067	5/5/2011	CHPE07067-T0411	65.9	N1	WG	SW6010B	SW3010A	MANGANESE	110	5.3	15	µg/L	
USFW347067	5/5/2011	CHPE07067-T0411F	65.9	N1	WG	SW6010B	FLDFLT	MANGANESE	120	5.3	15	µg/L	
USFW356134	8/23/2011	CHPE06134-A0811DIFS	133.25	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW356134	8/23/2011	CHPE06134-A0811DIFS	133.25	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	BRL	0.2	1	µg/L	JS
USFW356134	8/23/2011	CHPE06134-A0811DIFS	133.25	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW356134	8/23/2011	CHPE06134-A0811DIFS	133.25	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW356134	8/23/2011	CHPE06134-A0811DIFS	133.25	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
USFW356134	8/23/2011	CHPE06134-A0811DIFS	133.25	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.7	0.16	1	µg/L	S
USFW356134	8/23/2011	CHPE06134-A0811DIFS	133.25	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	29.2	0.28	1	µg/L	S
USFW356134	8/23/2011	CHPE06134-A0811DIFS	133.25	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	12.6	0.27	1	µg/L	S
USFW356134	8/23/2011	CHPE06134-A0811DIFS	133.25	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW357139	8/23/2011	CHPE07139-A0811DIFS	138.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW357139	8/23/2011	CHPE07139-A0811DIFS	138.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	BRL	0.2	1	µg/L	JS
USFW357139	8/23/2011	CHPE07139-A0811DIFS	138.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW357139	8/23/2011	CHPE07139-A0811DIFS	138.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW357139	8/23/2011	CHPE07139-A0811DIFS	138.4	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
USFW357139	8/23/2011	CHPE07139-A0811DIFS	138.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	22.6	0.16	1	µg/L	S
USFW357139	8/23/2011	CHPE07139-A0811DIFS	138.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	42.2	0.28	1	µg/L	S
USFW357139	8/23/2011	CHPE07139-A0811DIFS	138.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.7	0.27	1	µg/L	S
USFW357139	8/23/2011	CHPE07139-A0811DIFS	138.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW375081	8/16/2011	CHPE05081-A0811DIFS	79.7	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW375081	8/16/2011	CHPE05081-A0811DIFS	79.7	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW375081	8/16/2011	CHPE05081-A0811DIFS	79.7	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW375081	8/16/2011	CHPE05081-A0811DIFS	79.7	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW375081	8/16/2011	CHPE05081-A0811DIFS	79.7	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
USFW375081	8/16/2011	CHPE05081-A0811DIFS	79.7	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
USFW375081	8/16/2011	CHPE05081-A0811DIFS	79.7	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	12	0.28	1	µg/L	S
USFW375081	8/16/2011	CHPE05081-A0811DIFS	79.7	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.1	0.27	1	µg/L	S
USFW375081	8/16/2011	CHPE05081-A0811DIFS	79.7	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW388072	5/5/2011	CHPE08072-T0411	71.2	N1	WG	SW6010B	SW3010A	MANGANESE	350	5.3	15	µg/L	
USFW388072	5/5/2011	CHPE08072-T0411F	71.2	N1	WG	SW6010B	FLDFLT	MANGANESE	360	5.3	15	µg/L	
USFW422085	5/3/2011	CHPE02085-T0411	84.1	N1	WG	SW6020A	SW3020A	THALLIUM	BRL	0.027	0.2	µg/L	J
USFW422085	5/3/2011	CHPE02085-T0411F	84.1	N1	WG	SW6020A	FLDFLT	THALLIUM, DISSOLVED	BRL	0.027	0.2	µg/L	J
USFW422105	5/3/2011	CHPE02105-T0411F	104	N1	WG	SW6010B	FLDFLT	MANGANESE	280	5.3	15	µg/L	

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USFW422105	5/3/2011	CHPE02105-T0411	104	N1	WG	SW6010B	SW3010A	MANGANESE	290	5.3	15	µg/L	
USFW436076	8/16/2011	CHPE06076-A0811DIFS	75	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW436076	8/16/2011	CHPE06076-A0811DIFS	75	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW436076	8/16/2011	CHPE06076-A0811DIFS	75	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW436076	8/16/2011	CHPE06076-A0811DIFS	75	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW436076	8/16/2011	CHPE06076-A0811DIFS	75	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
USFW436076	8/16/2011	CHPE06076-A0811DIFS	75	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
USFW436076	8/16/2011	CHPE06076-A0811DIFS	75	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	7.8	0.28	1	µg/L	S
USFW436076	8/16/2011	CHPE06076-A0811DIFS	75	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.9	0.27	1	µg/L	S
USFW436076	8/16/2011	CHPE06076-A0811DIFS	75	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW443140	8/16/2011	CHPE00140-A0811DIFS	139	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW443140	8/16/2011	CHPE00140-A0811DIFS	139	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW443140	8/16/2011	CHPE00140-A0811DIFS	139	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW443140	8/16/2011	CHPE00140-A0811DIFS	139	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW443140	8/16/2011	CHPE00140-A0811DIFS	139	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
USFW443140	8/16/2011	CHPE00140-A0811DIFS	139	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3.9	0.16	1	µg/L	S
USFW443140	8/16/2011	CHPE00140-A0811DIFS	139	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	20	0.28	1	µg/L	S
USFW443140	8/16/2011	CHPE00140-A0811DIFS	139	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.3	0.27	1	µg/L	S
USFW443140	8/16/2011	CHPE00140-A0811DIFS	139	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW484007	8/16/2011	CHPE04007-A0811DIFS	6.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW484007	8/16/2011	CHPE04007-A0811DIFS	6.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW484007	8/16/2011	CHPE04007-A0811DIFS	6.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW484007	8/16/2011	CHPE04007-A0811DIFS	6.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW484007	8/16/2011	CHPE04007-A0811DIFS	6.4	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
USFW484007	8/16/2011	CHPE04007-A0811DIFS	6.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
USFW484007	8/16/2011	CHPE04007-A0811DIFS	6.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
USFW484007	8/16/2011	CHPE04007-A0811DIFS	6.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
USFW484007	8/16/2011	CHPE04007-A0811DIFS	6.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW484023	8/16/2011	CHPE04023-A0811DIFS	22.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW484023	8/16/2011	CHPE04023-A0811DIFS	22.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW484023	8/16/2011	CHPE04023-A0811DIFS	22.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW484023	8/16/2011	CHPE04023-A0811DIFS	22.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW484023	8/16/2011	CHPE04023-A0811DIFS	22.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
USFW484023	8/16/2011	CHPE04023-A0811DIFS	22.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
USFW484023	8/16/2011	CHPE04023-A0811DIFS	22.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4	0.28	1	µg/L	S
USFW484023	8/16/2011	CHPE04023-A0811DIFS	22.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.27	1	µg/L	S
USFW484023	8/16/2011	CHPE04023-A0811DIFS	22.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW484078	8/16/2011	CHPE04078-A0811DIFS	77.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW484078	8/16/2011	CHPE04078-A0811DIFS	77.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW484078	8/16/2011	CHPE04078-A0811DIFS	77.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW484078	8/16/2011	CHPE04078-A0811DIFS	77.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW484078	8/16/2011	CHPE04078-A0811DIFS	77.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
USFW484078	8/16/2011	CHPE04078-A0811DIFS	77.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
USFW484078	8/16/2011	CHPE04078-A0811DIFS	77.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.9	0.28	1	µg/L	S
USFW484078	8/16/2011	CHPE04078-A0811DIFS	77.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.3	0.27	1	µg/L	S
USFW484078	8/16/2011	CHPE04078-A0811DIFS	77.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW497089	8/16/2011	CHPE07089-A0811DIFS	87.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW497089	8/16/2011	CHPE07089-A0811DIFS	87.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW497089	8/16/2011	CHPE07089-A0811DIFS	87.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW497089	8/16/2011	CHPE07089-A0811DIFS	87.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW497089	8/16/2011	CHPE07089-A0811DIFS	87.5	N1	WG	SW8260B	SW5030	CHLOROFORM	2	0.16	1	µg/L	S
USFW497089	8/16/2011	CHPE07089-A0811DIFS	87.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
USFW497089	8/16/2011	CHPE07089-A0811DIFS	87.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
USFW497089	8/16/2011	CHPE07089-A0811DIFS	87.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
USFW497089	8/16/2011	CHPE07089-A0811DIFS	87.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW497108	8/16/2011	CHPE07108-A0811DIFS	107.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW497108	8/16/2011	CHPE07108-A0811DIFS	107.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW497108	8/16/2011	CHPE07108-A0811DIFS	107.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW497108	8/16/2011	CHPE07108-A0811DIFS	107.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW497108	8/16/2011	CHPE07108-A0811DIFS	107.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.4	0.16	1	µg/L	S
USFW497108	8/16/2011	CHPE07108-A0811DIFS	107.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
USFW497108	8/16/2011	CHPE07108-A0811DIFS	107.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.2	0.28	1	µg/L	S
USFW497108	8/16/2011	CHPE07108-A0811DIFS	107.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
USFW497108	8/16/2011	CHPE07108-A0811DIFS	107.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW501102	8/16/2011	CHPE01102-A0811DIFS	100.7	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW501102	8/16/2011	CHPE01102-A0811DIFS	100.7	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW501102	8/16/2011	CHPE01102-A0811DIFS	100.7	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW501102	8/16/2011	CHPE01102-A0811DIFS	100.7	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW501102	8/16/2011	CHPE01102-A0811DIFS	100.7	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.16	1	µg/L	US
USFW501102	8/16/2011	CHPE01102-A0811DIFS	100.7	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	6.2	0.16	1	µg/L	S
USFW501102	8/16/2011	CHPE01102-A0811DIFS	100.7	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	18.5	0.28	1	µg/L	S
USFW501102	8/16/2011	CHPE01102-A0811DIFS	100.7	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	11.9	0.27	1	µg/L	S
USFW501102	8/16/2011	CHPE01102-A0811DIFS	100.7	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW655075	8/16/2011	CHPE05075-A0811DIFS	74.05	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW655075	8/16/2011	CHPE05075-A0811DIFS	74.05	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW655075	8/16/2011	CHPE05075-A0811DIFS	74.05	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW655075	8/16/2011	CHPE05075-A0811DIFS	74.05	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
USFW655075	8/16/2011	CHPE05075-A0811DIFS	74.05	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
USFW655075	8/16/2011	CHPE05075-A0811DIFS	74.05	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.16	1	µg/L	JS
USFW655075	8/16/2011	CHPE05075-A0811DIFS	74.05	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.2	0.28	1	µg/L	S
USFW655075	8/16/2011	CHPE05075-A0811DIFS	74.05	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.4	0.27	1	µg/L	S
USFW655075	8/16/2011	CHPE05075-A0811DIFS	74.05	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFW657078	8/16/2011	CHPE07078-A0811DIFS	77.02	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
USFW657078	8/16/2011	CHPE07078-A0811DIFS	77.02	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
USFW657078	8/16/2011	CHPE07078-A0811DIFS	77.02	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
USFW657078	8/16/2011	CHPE07078-A0811DIFS	77.02	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
USFW657078	8/16/2011	CHPE07078-A0811DIFS	77.02	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
USFW657078	8/16/2011	CHPE07078-A0811DIFS	77.02	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
USFW657078	8/16/2011	CHPE07078-A0811DIFS	77.02	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.6	0.28	1	µg/L	S
USFW657078	8/16/2011	CHPE07078-A0811DIFS	77.02	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.5	0.27	1	µg/L	S
USFW657078	8/16/2011	CHPE07078-A0811DIFS	77.02	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
USFWB01-P05	8/19/2011	CHPE000P5-S0711	N/A	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROMETHANE	BRL	0.2	1	µg/L	J
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
USFWB06-IR04	8/19/2011	CHPE000R4-S0711	NA	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROMETHANE	BRL	0.2	1	µg/L	J
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
USFWB09-IR03	8/19/2011	CHPE000R3-S0711	NA	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	8.5	0.19	1	µg/L	
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.9	0.2	1	µg/L	
USFWB12-IR02	8/19/2011	CHPE000R2-S0711	NA	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

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Analytical Laboratory Results, January - December 2011
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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	UJ
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	CHLOROMETHANE	BRL	0.2	1	µg/L	J
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

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Location	Sample Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	8.8	0.19	1	µg/L	
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	8.9	0.19	1	µg/L	
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.7	0.2	1	µg/L	
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.8	0.2	1	µg/L	
USFWB14-IR01	8/19/2011	CHPE100R1-S0711	NA	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
USFWB14-IR01	8/19/2011	CHPE000R1-S0711	NA	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U


Data Source: AFCEE, March 2012, MMR-AFCEE Data Warehouse


Key:

BRL = below reporting limit	N/A = not applicable	UJ = estimated non detection
DL = detection limit	ND = not detected	US = not detected screening data
FD1 = field duplicate	RL = reporting limit	WA = borehole water
J = estimated value	S = screening data	WG = groundwater
MS = matrix spike	SD = matrix spike duplicate	WS = surface water
N1 = native sample	U = undetected	WW = wastewater
NA = not available	JS = estimated screening data	µg/L = micrograms per liter

ATTACHMENT D
Ashumet Valley Project Note


ASHUMET VALLEY 2011 TRIENNIAL/ANNUAL SPEIM DATA PRESENTATION
(NOVEMBER 2010 THROUGH AUGUST 2011)
420005-SPEIM-AVP-PRJNOT-001

 AFCEE SPEIM/LTM/O&M Otis ANG Base, Massachusetts AFCEE 4P08 FA8903-08-D8769-0300	PROJECT NOTE		TASK ORDER 0300
			PROJECT NO. 420005
	DOCUMENT CONTROL NUMBER: 420005-SPEIM-AVP-PRJNOT-001 CDRL B008		PAGE 1 OF 8


Confirmation Of: <input checked="" type="checkbox"/> Meeting <input type="checkbox"/> Change Notice <input type="checkbox"/> General Project Note	Date Held: 17 November 2011 Location: Large IRP Conference Room Date Issued: 27 March 2012 Recorded By: Nigel Tindall
Subject: ASHUMET VALLEY 2011 TRIENNIAL/ANNUAL SPEIM DATA PRESENTATION (NOVEMBER 2010 THROUGH AUGUST 2011) EPA OU#15 – OU 01C ASHU. VALLEY GW PLUME	Issued By: Patricia de Groot  CH2M HILL PROGRAM MANAGER

ITEM	REMARKS
1.0	INTRODUCTION This project note summarizes the Ashumet Valley 2011 Triennial/Annual Data Presentation for data collected under the System Performance and Ecological Impact Monitoring (SPEIM) program between November 2010 and August 2011. The data presented included results from the following sampling events: <ul style="list-style-type: none"> • Triennial sampling of 52 monitoring wells under SPEIM program (November-December 2010) • Triennial sampling of 16 monitoring wells under Manganese/Thallium Long Term Monitoring (LTM) program (May 2011) • Annual sampling of 23 monitoring wells under SPEIM program (August/September 2011) • Surface water sampling at Backus River area (June and August 2011) • Irrigation system sampling at Backus River area (August 2011) • Remedial system performance monitoring results (January 2011 – June 2011) • The one-time sampling of 95MW1234B on 24 October 2011 to address a data gap These data were presented to the regulators during the 17 November 2011 Technical Update meeting. The handout for the presentation included text slides, 22 figures, and four tables and is included as Attachment A.
2.0	BACKGROUND The Ashumet Valley extraction, treatment, and infiltration (ETI) system began operation on 22 November 1999 with three extraction wells, two treatment plants, and two infiltration trenches. The extraction wells were located along the axis of the plume between Route 151 and Hayway Road (Figures 1 and 3 in Attachment A) and were designed to extract groundwater at 1,200 gallons per minute (gpm) from the aquifer. The treatment plants were located along Sandwich Road and each housed two 20,000-pound (lb) granular activated carbon (GAC) vessels, arranged in series operation, to remediate the contaminated groundwater. The two infiltration trenches were aligned parallel to the long axis of the plume, each returning 600 gpm of treated water to the aquifer. One infiltration trench was located along Sandwich Road and the other trench was located along Currier Road.


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 CH2M HILL: Pat de Groot, Nigel Tindall, Doc. Control

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ITEM	REMARKS
	<p>On 18 May 2007, the ETI system was optimized and the operation of the two northernmost extraction wells (95EW0701 and 95EW0702) was discontinued, having substantially remediated the aquifer within their capture zones (AFCEE 2007). The system currently operates with one extraction well (95EW0703) processing 350 gpm through one of the two treatment plants (one treatment plant was taken out of service). The treated water is returned to the aquifer via the two trenches at approximately 175 gpm each.</p> <p>On 24 August 2009, the new leading edge treatment system began operation. It consists of an extraction well (95EW0704) pumping at 175 gpm, a mobile treatment unit (MTU) housing a GAC system, and a discharge bubbler. In total, this new extraction, treatment, and discharge (ETD) system combined with the original ETI system are treating 525 gpm of contaminated groundwater.</p> <p>The contaminants of concern (COCs) for the Ashumet Valley plume are tetrachloroethene (PCE), trichloroethene (TCE), thallium, and manganese (AFCEE 2009a). The Ashumet Valley remedial systems were designed to remediate the PCE and TCE groundwater plume which is defined by either PCE or TCE at concentrations above the Maximum Contaminant Level (MCL) of 5 micrograms per liter (µg/L) for each compound. It is expected that the thallium and manganese concentrations, which are limited to an area near the former source area to the west of Ashumet Pond, will decrease to concentrations below clean-up goals without active treatment. Note that establishment of an LTM network for thallium and manganese was completed in March 2011 and the results of the first LTM sampling event that was conducted in May 2011 were reported during the 17 November 2011 triennial data presentation (Attachment A).</p> <p>Analytical data for the Ashumet Valley plume have been collected through the SPEIM program since startup of the treatment system in 1999, although environmental investigation associated with the Ashumet Valley plume started as early as 1979 by the United States Geological Survey (USGS). The SPEIM program was developed to monitor plume changes and to ensure the effective operation of the groundwater remediation systems; monitoring networks are also evaluated and optimized through the SPEIM and LTM programs. The current approved Ashumet Valley SPEIM/LTM monitoring network, including analytical scope and methods, is presented in the <i>Comprehensive Long Term Monitoring Plan</i>, which is available from AFCEE.</p>
3.0	DATA PRESENTATION RESULTS <p>During the data presentation, PCE and TCE analytical results and concentration trend graphs were presented for select key wells that are monitored throughout the Ashumet Valley plume (Figures 2a, 2b, and 2c in Attachment A). These wells have been selected to monitor: (i) the progress in plume clean up in the area influenced by the ETI system (i.e., the central plume zone); (ii) the natural attenuation of the plume in the southern plume zone; (iii) concentration trends in groundwater near the Backus River where the plume discharges; and (iv) concentration trends in the area influenced by the ETD system. The data collected during the comprehensive triennial sampling event in November-December 2010 and data collected during the annual sampling event</p>

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ITEM	REMARKS
	<p>in August/September 2011 were used to update the Ashumet Valley cross-sections (Figures 3 through 12 in Attachment A). In addition, PCE and TCE data collected during these sampling events were used to prepare an updated Ashumet Valley plume boundary and Land Use Control (LUC) area boundary (Figure 14 in Attachment A). Direct push data gap investigation activities conducted at the southern extent of the plume in March/April 2011 and presented at the 11 May 2011 Technical Update meeting had addressed uncertainty in plume extent and determined that the LUC area boundary was appropriate (Attachment B). However, for the northern plume boundary, it was acknowledged that based on an increasing TCE concentration trend at monitoring well 30MW0585A (Figure 2a in Attachment A), uncertainty remained in defining the position of the boundary of plume's trailing edge. Data gap investigation activities were recommended at the 17 November 2011 meeting to address this uncertainty which included the one-time sampling of monitoring wells 95MW1170B, 30MW0585A, and 30MW0585B; and installation of a direct push boring (95DP0234) to collect groundwater vertical profile data to the north of 30MW0585A,B. These data would be used to re-assess the plume and LUC area boundaries at the trailing edge of the plume. The results of these data gap investigation activities are presented in Section 7.0.</p> <p>Results of the May 2011 manganese and thallium LTM event were presented at the 17 November 2011 Technical Update meeting (Table 1 and Figure 13 of Attachment A). Overall, manganese concentrations are declining when compared to historic data. Concentrations are expected to continue to decline below the U.S. Environmental Protection Agency Health Advisory (HA) of 300 µg/L over time as the aquifer becomes re-oxygenated and the effects on groundwater quality due to the treated wastewater plume that emanated from the MMR sewage treatment plant diminish. Thallium was not detected at three of the four monitoring wells sampled. At the location where thallium was detected, the concentration was below the reporting limit of 0.2 µg/L (and, therefore well below the thallium MCL of 2 µg/L). Based on these data, as well as thallium data provided by the USGS from sampling events in 2008/2009, continued monitoring for thallium under this Ashumet Valley LTM program is unwarranted; however monitoring for dissolved manganese will continue on a triennial frequency (with the next sampling event scheduled for May 2014).</p> <p>Based on surface water monitoring data collected at the Backus River during 2011 (Figure 15 in Attachment A), no cranberry sampling was required and the fruit was harvested for market.</p> <p>An overview of ETI and ETD system performance for the reporting period was also presented by providing treatment plant influent concentrations, mass removal, volume of groundwater treated, frequency of carbon exchanges, extraction well operational rates, and electrical usage/air emissions (Attachment A).</p> <p>All the analytical data collected in 2010 for the Ashumet Valley SPEIM program were reported in the <i>Ashumet Valley 2010 Summary Letter Report</i> (AFCEE 2011) and the data collected in 2011 will be in the <i>Ashumet Valley 2011 Summary Letter Report</i>, scheduled for submittal in March 2012.</p>

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ITEM	REMARKS
4.0	<p>REMDIAL SYSTEM OPTIMIZATION EVALUATION</p> <p><u>ETI System</u></p> <p>Based on assessment of the ETI system performance monitoring data collected under the SPEIM program, it was determined that an optimization evaluation should be performed to assess whether remedial performance could be improved. Declining COC concentrations in wells selected to monitor the plume boundary in the area to the north of 95EW0703 (Figure 2a in Attachment A) indicate that the plume boundary is collapsing both vertically and horizontally. In addition, PCE and TCE concentrations in the influent at 95EW0703 have shown a gradual but steady decline (Figure 16 in Attachment A) since the last system optimization in May 2007 (AFCEE 2007). A flow test was proposed which involved operating 95EW0703 as follows:</p> <ul style="list-style-type: none"> • 200 gpm for two months (December 2011 – January 2012); collect influent samples during routine monthly plant sampling. • 250 gpm for two months (February 2012 – March 2012); collect influent samples during routine monthly plant sampling. <p>These flow test data, along with consideration of plume monitoring data, will be used to determine an optimal flow rate for 95EW0703 that would meet the remedial system performance objective of plume capture but would also improve operational efficiency.</p> <p><u>ETD System</u></p> <p>Based on assessment of the ETD system performance monitoring data collected under the SPEIM program, PCE and TCE concentrations at monitoring wells near 95EW0704 indicate that no MCL exceedances remain in the immediate vicinity of the extraction well. However, elevated PCE and TCE concentrations (PCE ranging up to 55 µg/L) were present in the area hydraulically upgradient (i.e., north-northeast) from the location of 95EW0704 when investigated in 2008 (AFCEE 2009b). The distribution of PCE contamination at that time, which is believed to be within the hydraulic capture zone of 95EW0704, is shown on Figure 19 in Attachment A. To gain a better understanding of the current distribution of COC detections in the area near and to the north of 95EW0704, four direct push locations (95DP0230 through 95DP0233 shown in Figure 19 in Attachment A) were selected where groundwater vertical profile data will be collected. These data will be used to assess optimization opportunities for 95EW0704. The results of this drilling effort are discussed in Section 7.0.</p>
5.0	<p>DATA PRESENTATION CONCLUSIONS</p> <p>Based on the SPEIM data summarized in the data presentation, the following conclusions can be drawn:</p> <p><u>Central Plume Zone:</u></p> <ul style="list-style-type: none"> • The western and eastern boundaries of the plume near 95EW0703 are collapsing; contaminant mass remains in the core of the plume hydraulically upgradient of 95EW0703.

 <p style="text-align: center;">AFCEE SPEIM/LTM/O&M Otis ANG Base, Massachusetts AFCEE 4P08 FA8903-08-D8769-0300</p>	PROJECT NOTE		TASK ORDER 0300
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ITEM	REMARKS
	<ul style="list-style-type: none"> Consistent with the conceptual site model (CSM) (AFCEE 2010), monitoring data suggest that the plume has been cut off to the south of 95EW0703 due to the operation of ETI system. No PCE MCL exceedances exist in the vicinity of 95EW0702 or to the north. TCE concentrations above the MCL remain north of 95EW0701 and data collection is planned in the area north of 30MW0585A to refine the plume and LUC area boundaries. <p><u>Southern Plume Zone:</u></p> <ul style="list-style-type: none"> PCE and TCE at concentrations above the MCL remain in groundwater below the northern section of the Backus River bogs and along the eastern edge of plume in the southern zone. PCE or TCE MCL exceedances are limited geographically at wells located in the southern portion of the plume. Groundwater monitoring and direct push data confirm that the leading edge of the plume has not advanced south beyond Route 28 and is not present on the west side of Mill Pond. <p><u>Manganese and Thallium LTM Area:</u></p> <ul style="list-style-type: none"> Manganese concentrations remain above the EPA HA; however, concentrations have declined when compared to historic results and are expected to continue to decline. No or low detections of thallium in this area are consistent with prior USGS sampling results; continued monitoring for thallium is not warranted. The risk of exposure to groundwater containing manganese at concentrations above the EPA HA will be managed under the LUC Program. <p><u>Backus River Surface Water and Irrigation System:</u></p> <ul style="list-style-type: none"> Detectable concentration of PCE and TCE in surface water indicate that the plume continues to discharge to the northern reach of the Backus River, however, no PCE or TCE MCL exceedances were reported in surface water samples collected in 2011 and the cranberry crop was harvested for market. COC concentrations in Backus River irrigation system samples collected during 2011 remain lower than concentrations that were previously evaluated for potential health effects and found to be acceptable. <p><u>Ashumet Valley Remedial System:</u></p> <ul style="list-style-type: none"> The goals of the Ashumet Valley Remedial System are being met. A comparison of the updated plume extent (based on the 2010 triennial and 2011 annual SPEIM dataset) and the contaminant transport simulations presented in the ROD (AFCEE 2009a) indicate that the plume is cleaning up faster than predicted.

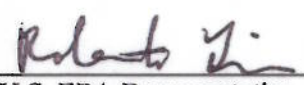
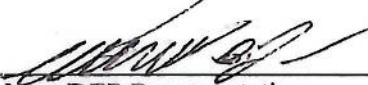
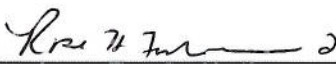
 <p style="text-align: center;">AFCEE SPEIM/LTM/O&M Otis ANG Base, Massachusetts AFCEE 4P08 FA8903-08-D8769-0300</p>	PROJECT NOTE		TASK ORDER 0300
			PROJECT NO. 420005
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ITEM	REMARKS
	<ul style="list-style-type: none"> The ETI system is operating as intended; however due to plume collapse and decreasing influent concentrations, optimized operation of 95EW0703 should be further investigated by performing a flow test. Uncertainty exists in the extent of the plume near and hydraulically upgradient of 95EW0704; a direct push data gap investigation is planned to provide data to support an optimization evaluation.
6.0	<p>RECOMMENDATIONS</p> <p>Recommendations are as follows:</p> <ul style="list-style-type: none"> The Ashumet Valley SPEIM/LTM Chemical Monitoring Network should be revised by removing monitoring for thallium (Figure 20 and Table 4 in Attachment A) A data gap investigation should be completed in the area to the north of 30MW0585A to provide data to refine the 2011 plume and LUC area boundaries. Activities are to include the one-time sampling of monitoring wells 95MW1170B, 30MW0585A, and 30MW0585B for volatile organic compound analysis; and the collection of groundwater vertical profile data at a direct push boring located to the north of 30MW0585A,B. Perform an optimization flow test at 95EW0703 at flow rates of 200 gpm and 250 gpm for two months each; collect influent samples monthly. Complete a direct push data gap assessment north of 95EW0704 by collecting groundwater vertical profile data at four locations to provide data for an optimization evaluation. Report data gap investigation and optimization testing results at future Technical Update meetings.
7.0	<p>REGULATOR COMMENTS/FOLLOW UP MEETING/DISCUSSION</p> <p>No comments were received from the regulators on the data presentation at the 17 November 2011 Technical Update meeting and the agencies concurred with the recommendation to proceed with the data gap investigation and optimization activities summarized in Section 6.0. The optimization flow testing at 95EW0703 was ongoing at the time of the preparation of this project note and results will be reported at future Technical Update meetings. Data gap investigation activities, consisting of the one-time sampling of three monitoring wells and installation of one direct push boring to address uncertainties in the delineation of the northern portion of the plume, and the installation of four direct push borings to the north of 95EW0704, were conducted between 21 November 2011 and 20 January 2012. The results of these activities were presented at the 26 January 2012 Technical Update meeting (Attachment C). A summary of the findings is as follows:</p>

 AFCEE SPEIM/LTM/O&M Otis ANG Base, Massachusetts AFCEE 4P08 FA8903-08-D8769-0300	PROJECT NOTE		TASK ORDER 0300
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ITEM	REMARKS
	<p><u>Northern Plume Boundary and LUC Area Boundary:</u></p> <p>Data collected at three wells selected for one-time sampling (30MW0585A,B and 95MW1170B) and groundwater vertical profile results from 95DP0234 were used to refine the northern trailing edge plume boundary and LUC area boundary (Figure 1 in Attachment C). The refinement resulted in the addition of 83 parcels to the LUC area in the area to the southwest of Ashumet Pond (increasing the total LUC parcel count from 595 to 678). The analytical data collected at these locations, and the direct push vertical profile locations discussed below, were used to further update the Ashumet Valley cross-sections (Figures 3 through 5 in Attachment C).</p> <p><u>Direct Push Data Gap Investigation Results - Area North of 95EW0704:</u></p> <p>Vertical profile data collected at four direct push drilling locations (95DP0230 through 95DP0233 shown on Figure 2 of Attachment C; analytical data tables appended to Attachment C) were presented. A review of these data indicates that PCE and TCE concentrations exceeding the MCL remain in the area approximately 1,200 to 3,500 feet north-northeast of 95EW0704. This zone of PCE and TCE mass is at a similar elevation in the aquifer to the contamination delineated during the 2008 data gap investigation (AFCEE 2009b); however, the maximum PCE concentration is now 27 µg/L (at 95DP0230) compared to 54.9 µg/L (at 95DP0221) in 2008. The maximum TCE concentration is now 13 µg/L (at 95DP0231) compared to 16.1 µg/L (at 95DP0221) in 2008.</p> <p>Most notably, no PCE or TCE was detected at direct push boring 95DP0233 which is located approximately 700 feet north-northeast (and hydraulically upgradient) of 95EW0704. The data collected from this location are consistent with the overall CSM developed for this area (sub-MCL concentrations in nearby monitoring wells and low influent concentrations at 95EW0704) that suggests COC concentrations in groundwater in the immediate vicinity of the extraction well are below the MCL.</p> <p>Based on the CSM for this area, AFCEE proposed the interim shutdown of 95EW0704 and a monitoring program to determine when, and if, PCE and TCE at concentrations above the MCL migrate to the vicinity of the extraction well. Once MCL exceedances were detected near the well, AFCEE would turn the well back on.</p> <p>The regulatory agencies did not concur with AFCEE's optimization approach and requested that additional direct push vertical profile data be collected in the area immediately upgradient of extraction well 95EW0704 to further characterize the plume. Plans are underway to determine suitable direct push drilling locations in this area which will be presented to the regulatory agencies at a future Technical Update meeting.</p>

 CH2MHILL AFCEE SPEIM/LTM/O&M Otis ANG Base, Massachusetts AFCEE 4P08 FA8903-08-D8769-0300	PROJECT NOTE		TASK ORDER 0300
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		CDRL B008	

ITEM	REMARKS
8.0	<p>REFERENCES</p> <p>AFCEE. 2011 (March). <i>Ashumet Valley 2010 Summary Letter Report</i>. 404929-SPEIM-AVP-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.</p> <p>_____. 2010 (September). <i>Ashumet Valley Groundwater Plume Conceptual Site Model</i>. 404929-SPEIM-AVP-CSM-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.</p> <p>_____. 2009a (June). <i>Final Record of Decision for Ashumet Valley Groundwater</i>. A4P-J23-35BC02VA-M26-0015. Prepared by Jacobs Engineering Group, Inc. for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.</p> <p>_____. 2009b (March). <i>Ashumet Valley 2008 Summary Letter Report</i>. 371335-SPEIM-AVP-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.</p> <p>_____. 2007 (May). <i>Final Ashumet Valley 2006 Optimization Technical Memorandum</i>. 337105-SPEIM-AVP-TECHMEM-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.</p>
9.0	<p>CONCURRENCE</p> <p>Concurrence with the Ashumet Valley SPEIM and LTM chemical monitoring network (Figure 20 and Table 4 of Attachment A) and the 2011 Ashumet Valley Plume Boundary and associated LUC Area Boundary (Figure 1 of Attachment C) is represented by the signatures below:</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  3/26/12 U.S. EPA Representative </div> <div style="text-align: center;">  3/26/2012 MassDEP Representative </div> </div> <div style="text-align: center; margin-top: 20px;">  27 Mar 2012 AFCEE Project Manager </div> <p>Note: The parties involved will retain the ability to modify the monitoring program based on field observations or other mutually agreeable technical justifications.</p>

Attachments:

Attachment A. Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation, 17 November 2011 Technical Update Meeting

Attachment B. Ashumet Valley Leading Edge Data Gap Investigation Update, 11 May 2011 Technical Update Meeting

Attachment C. Ashumet Valley Data Gap Investigation Update, 26 January 2012 Technical Update Meeting

ATTACHMENT A

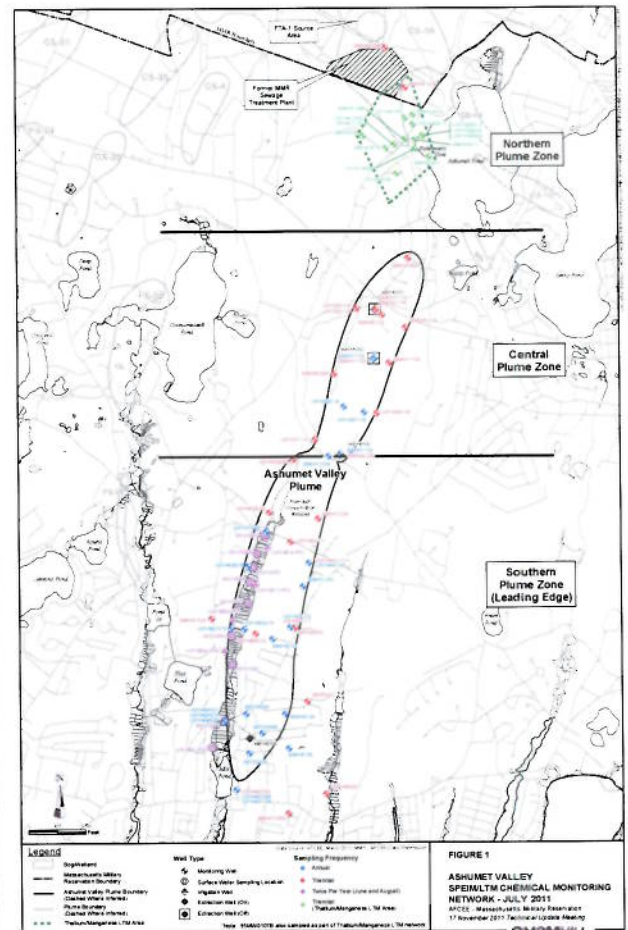
Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation

17 November 2011 Technical Update Meeting

Overview

- Groundwater Sampling Results:
(Sampled locations shown on Figure 1)
 - Triennial SPEIM Sampling for VOC analysis at 53 Locations: November – December 2010 (Data Reported in AV 2010 Summary Letter Report)
 - LTM Sampling for Manganese(Mn) & Thallium (Tl) analysis at 16 Locations: May 2011 (Summary Data Table included as Table 1)
 - Annual SPEIM Sampling for VOC analysis at 23 Locations: August 2011
 - Updated trend graphs, cross-sections, plume boundary, and assessment of Land Use Control Area
- Backus River:
 - Surface water sampling at Backus River locations for VOC analysis (June and August 2011)
 - Irrigation system locations for VOC analysis (August 2011)
- ETI/ETR System Performance Monitoring
- ETI/ETR System Optimization Evaluation
- Conclusions and Recommendations
- Sampling Deviations:
 - Backus River Irrigation System not sampled in June 2011; only sampled in August 2011
 - One-time sampling of 95MW1234B on 24 October 2011 to address minor data gap

1

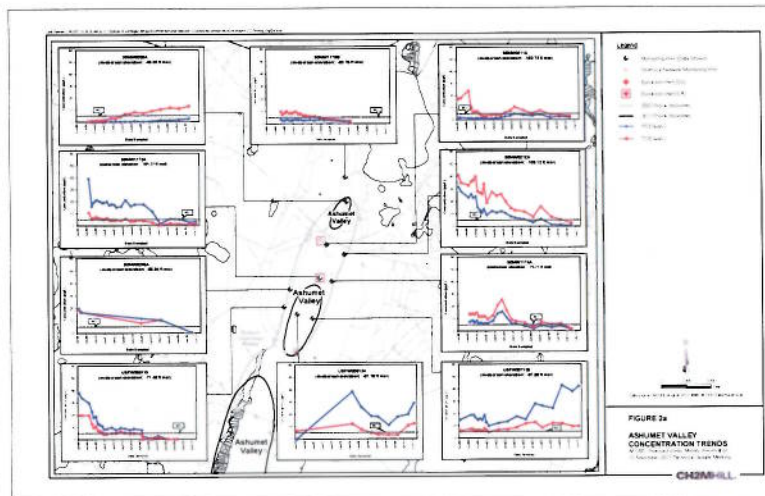


Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation

Groundwater Highlights – Central Plume Zone (Figure 2a)

- Increasing TCE concentration trend observed at 30MW0585A indicates uncharacterized mass exists upgradient
- 95MW1170B is nearest upgradient well, but not on similar flowpath as 50MW0585A, not sampled since 2007, and not in SPEIM network
- Sub-MCL PCE and TCE concentrations at 4 wells (95MW0211A, 95MW0212A, 95MW1172A, and 95MW1174A) located near 95EW0701 and 95EW0702 continue to support decision to shut down these extraction wells in May 2007.
- Collapse of western plume boundary supported by data from 95MW0208A and USFW350110 (PCE and TCE below MCL).
- PCE and TCE contaminant mass remains upgradient of 95EW0703 based on data from USFW356134 and USFW357139; contaminant mass is within capture zone of 95EW0703, however optimization opportunity exists given observed collapse of plume boundary

3

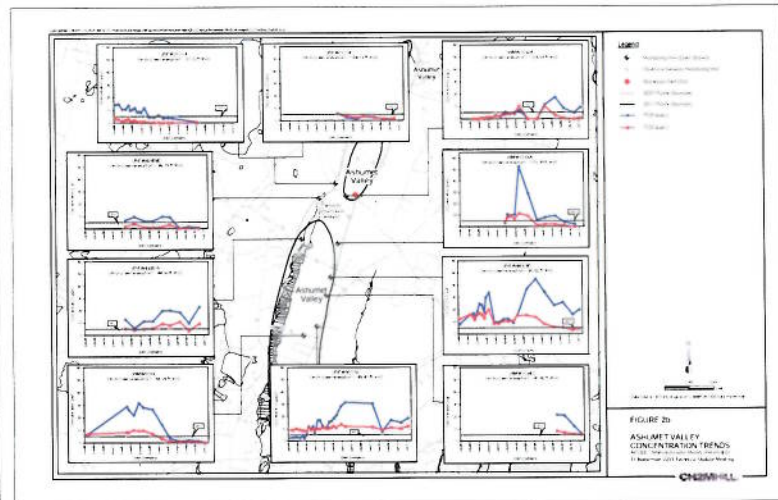


Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation

Groundwater Highlights – Central/Southern Plume Zone (Figure 2b)

- Collapse of plume boundary west of 95EW0703 confirmed by data from USFW271 cluster.
- Plume cut-off through operation of 95EW0703 supported by:
 - PCE concentration decrease at 95MW1233A (52.8 µg/L in October 2004 to 2.3 µg/L in December 2010)
 - Three rounds of sub-MCL PCE concentrations at USFW428080
 - PCE concentration decrease at 95MW1232A from 17.6 µg/L (October 2008); to MCL of 5.0 µg/L (December 2010); although PCE increased to 9.6 µg/L in August 2011 – well likely within the stagnation zone of 95EW0703
- COC MCL exceedances remain below the northern section of Backus River and eastern edge of plume in southern zone (USFW430075, USFW443140, USFW501102, 95MW1234C).

5

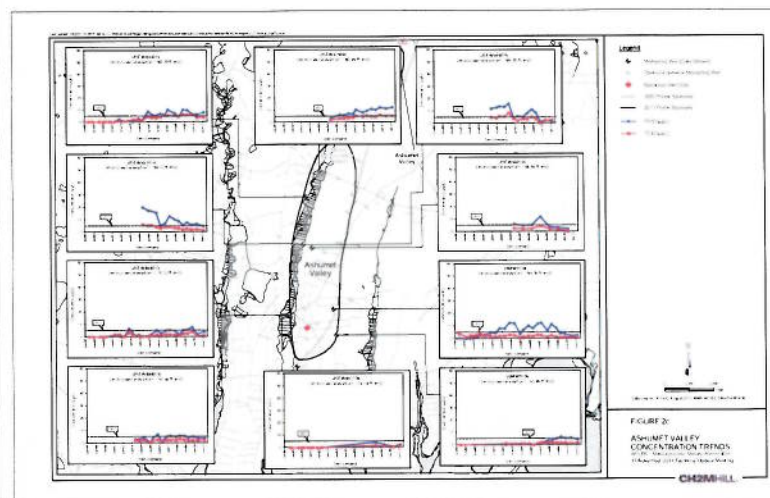


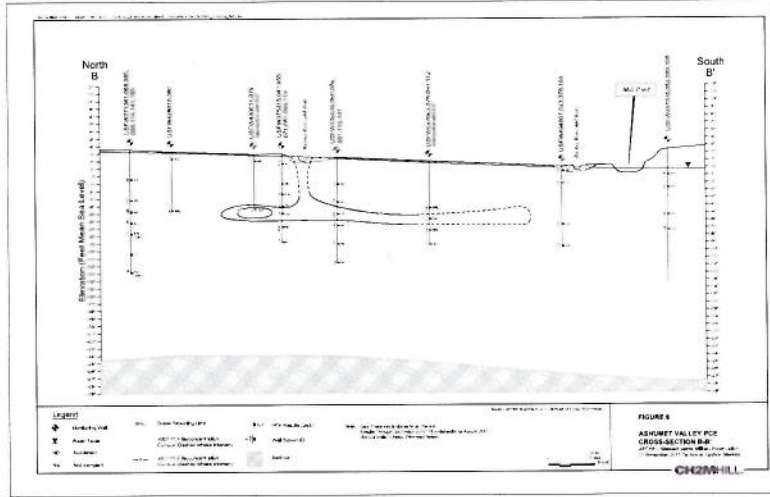
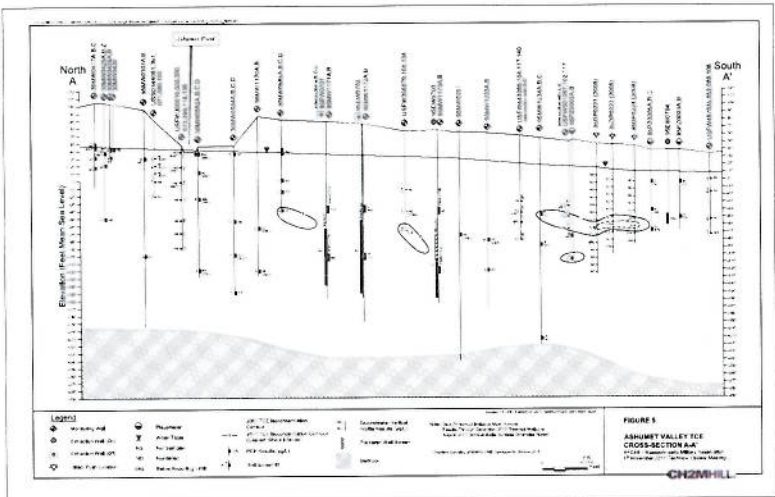
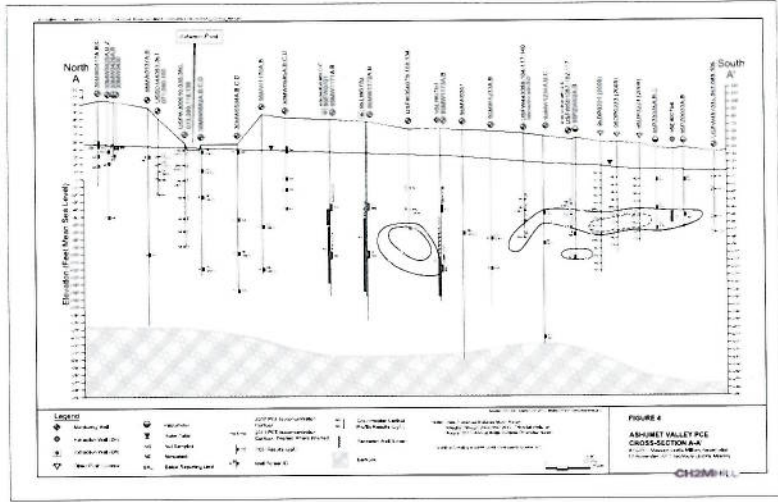
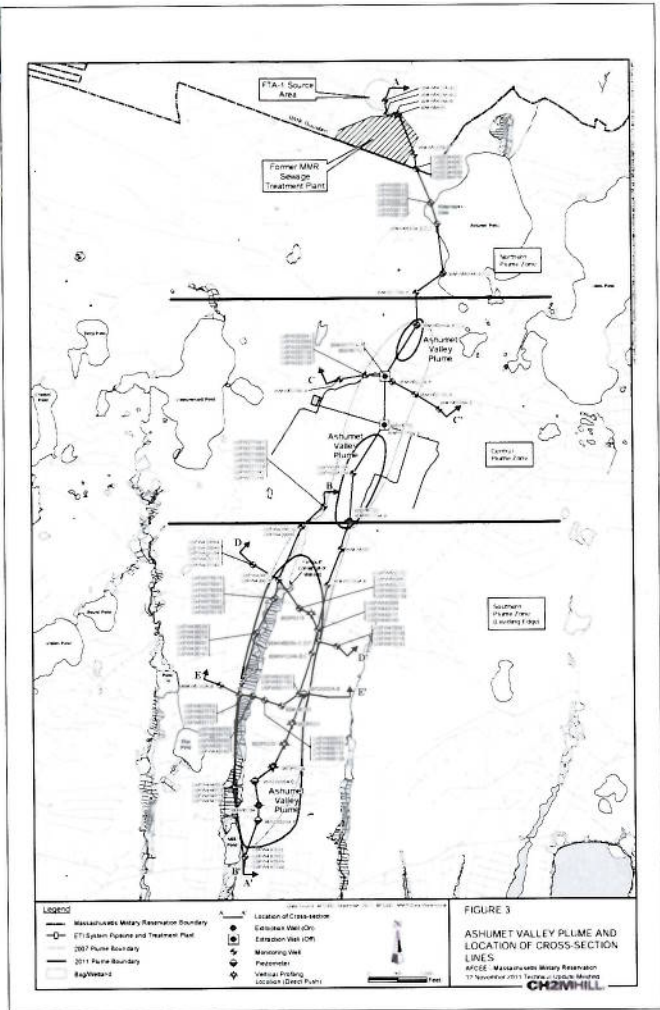
Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation

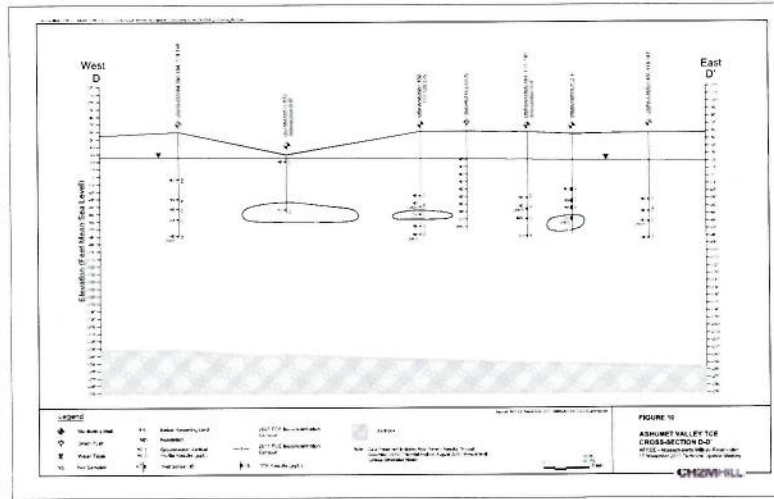
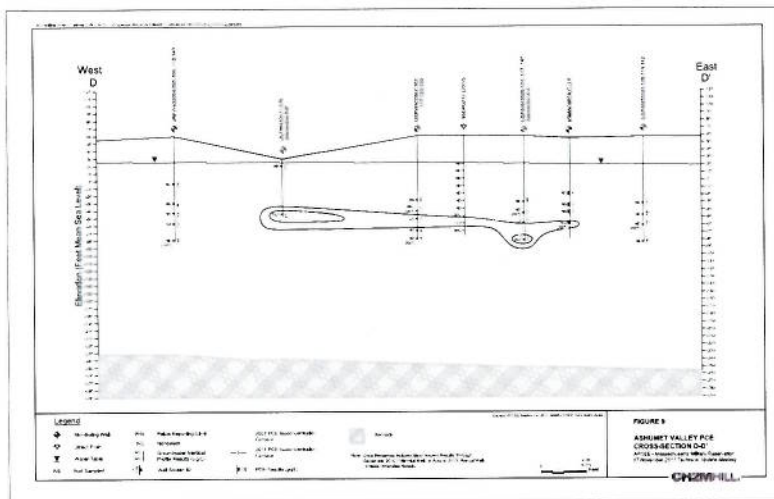
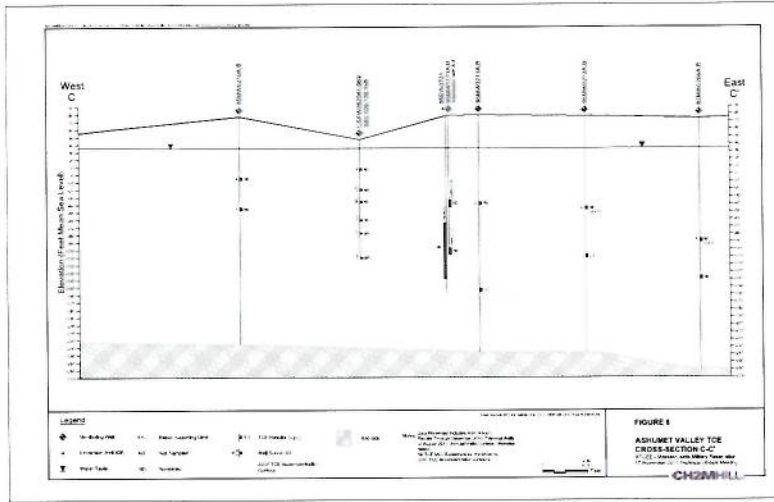
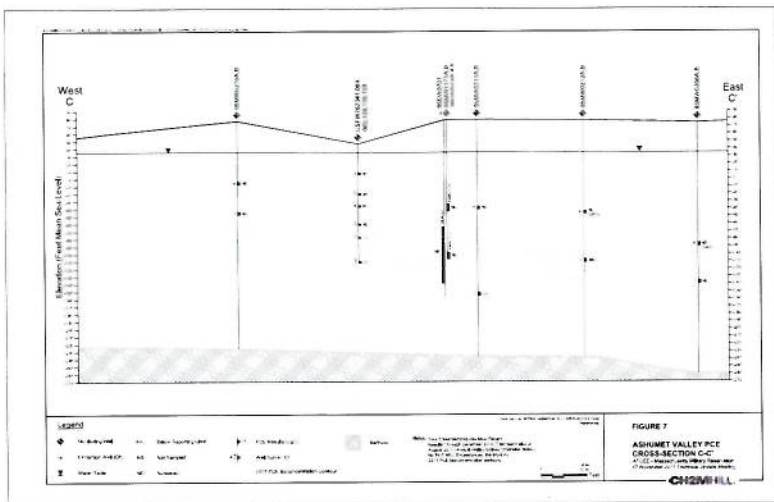
Groundwater Highlights – Southern Plume Zone (Figure 2c)

- COC MCL exceedances are scarce at wells located in the southern portion of the plume in the southern zone
 - 95MW0104, 95MW0106, USFW655075, USFW657078, USFW660102, USFW484 cluster, and 95MW0103 (Figure 2b) all now below MCLs.
- Plume concentrations below northern area of Backus River stable over past several rounds
 - USFW436076: PCE at 7.8 µg/L and TCE at 3.9 µg/L in August 2011
 - USFW375081: PCE at 12.0 µg/L and TCE at 5.1 µg/L in August 2011
- PCE detected at 2.2 µg/L at USFW497108 south of leading edge; 2 shallower screens remain ND for PCE & TCE
- Spring 2011 direct push data gap investigation supported CSM that plume has not advanced south beyond Rt. 28 (results reported at 11 May 2011 Technical Update Meeting)

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Location Identification	Sample Date	Total / Dissolved	Results	MDL	RL	Units
Manganese Results						
03MW2403A	5-May-2011	Total	660	5.3	15	µg/L
03MW2403A	5-May-2011	Dissolved	540	5.3	15	µg/L
30MW0581C	10-May-2011	Total	300	5.3	15	µg/L
30MW0581C	10-May-2011	Dissolved	310	5.3	15	µg/L
30MW0582C	17-May-2011	Total	8200	110	300	µg/L
30MW0582C	17-May-2011	Dissolved	8000	110	300	µg/L
30MW0587B	3-May-2011	Total	370	5.3	15	µg/L
30MW0587B	3-May-2011	Dissolved	370	5.3	15	µg/L
30MW0589	3-May-2011	Total	32	5.3	15	µg/L
30MW0589	3-May-2011	Dissolved	22	5.3	15	µg/L
95MW0109B	4-May-2011	Total	400	5.3	15	µg/L
95MW0109B	4-May-2011	Dissolved	400	5.3	15	µg/L
USFW239064	4-May-2011	Total	190	5.3	15	µg/L
USFW239064	4-May-2011	Dissolved	190	5.3	15	µg/L
USFW244090	4-May-2011	Total	1300	5.3	15	µg/L
USFW244090	4-May-2011	Dissolved	1200	5.3	15	µg/L
USFW300030	6-May-2011	Total	2300	5.3	15	µg/L
USFW300030	6-May-2011	Dissolved	2300	5.3	15	µg/L
USFW300050	6-May-2011	Total	190	5.3	15	µg/L
USFW300050	6-May-2011	Dissolved	140	5.3	15	µg/L
USFW347067	5-May-2011	Total	110	5.3	15	µg/L
USFW347067	5-May-2011	Dissolved	120	5.3	15	µg/L
USFW386072	5-May-2011	Total	350	5.3	15	µg/L
USFW386072	5-May-2011	Dissolved	360	5.3	15	µg/L
USFW422105	3-May-2011	Total	290	5.3	15	µg/L
USFW422105	3-May-2011	Dissolved	280	5.3	15	µg/L
Thallium Results						
95MW0107B	5-May-2011	Total	ND	0.027	0.2	µg/L
95MW0107B	5-May-2011	Dissolved	ND	0.027	0.2	µg/L
USFW300010	6-May-2011	Total	ND	0.027	0.2	µg/L
USFW300010	6-May-2011	Dissolved	ND	0.027	0.2	µg/L
USFW300050	6-May-2011	Total	ND	0.027	0.2	µg/L
USFW300050	6-May-2011	Dissolved	ND	0.027	0.2	µg/L
USFW422085	3-May-2011	Total	BRL	0.027	0.2	µg/L
USFW422085	3-May-2011	Dissolved	BRL	0.027	0.2	µg/L

Notes
 Bolded result exceeded EPA Health Advisory for manganese of 300 µg/L
 Maximum Contaminant Level for thallium = 2 µg/L

Key

BRU = below the reporting limit	ND = nondetect
J = estimated value	RL = reporting limit
LTM = long term monitoring	U = undetected
MCL = method detection limit	µg/L = micrograms per liter

16 | Project 04/2009 Technical Services/Adrian Velazquez/Date Presentation: 29 September 2011
 Table 1: Xv_Tw_May2011_T1_Mn_Tech-Presentation 11.11.11.xls
 no addition

Page 1 of 1

Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation

Updated Plume Boundary and Land Use Control (LUC) Area

- Ashumet Valley plume boundary updated based on review of SPEIM data and results of Spring 2011 data gap investigation at leading edge.
- Minor revisions to LUC Area due to reduced uncertainty in plume extent in the area to the west of Mill Pond.
 - Resulted in a delisting of 22 parcels from the LUC area (617 to 595 total parcels)
- No changes needed to Manganese LTM LUC area
- Updated AV plume boundary and LUC area shown on Figure 14
- Some uncertainty in extent of TCE plume north of 30MW0585A
 - Re-sampling of 30MW0585A and one-time sampling of 95MW1170B and 30MW0585B underway
 - Assessing potential direct push location to collect additional characterization data north of 30MW0585A
 - Plume boundary and LUC area to be re-assessed based on new data when available

22

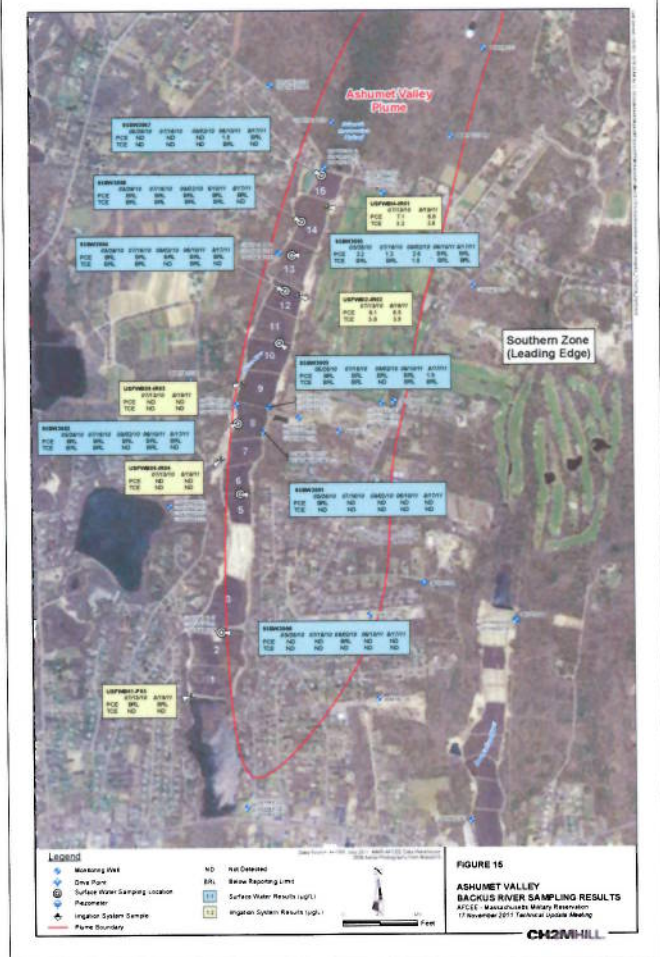


**Ashumet Valley 2011 Annual/Triennial
SPEIM Data Presentation**

Backus River Surface Water/Irrigation System Highlights

- Neither PCE or TCE detected above the MCL in any surface water samples collected during June and August 2011 monitoring events (Figure 15)
 - The distribution of PCE and TCE detections in surface water similar to prior monitoring periods
 - The higher and more consistent detections seen at the northern bogs (10 through 15) consistent with CSM
 - Maximum PCE concentration of 1.8 µg/L detected at bog 15; TCE not detected above the reporting limit of 1.0 µg/L during 2011
 - No cranberry sampling required in 2011
- The distribution of PCE and TCE detections in irrigation system samples similar to 2010 monitoring period
 - Maximum PCE concentration seen in northernmost well (USFWB14IR01) at 8.8 µg/L in August 2011; Maximum TCE at 3.9 µg/L at USFWB12IR02 in August 2011
 - Maximum detected concentrations in 2011 remain lower than values that were previously evaluated for potential health effects and found to be acceptable.

24



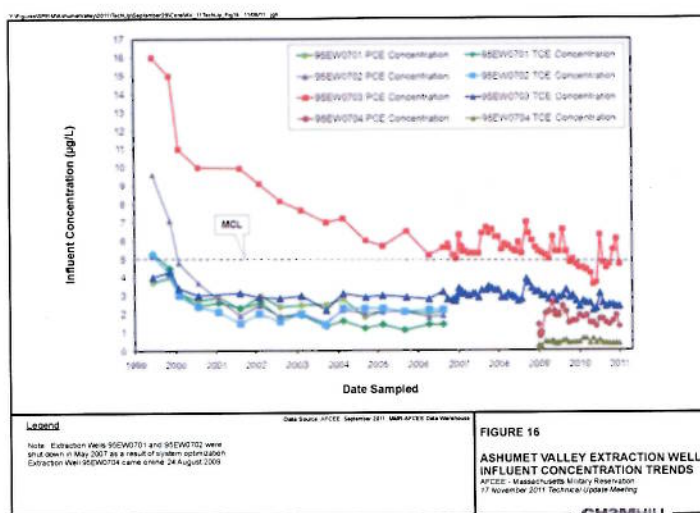
Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation Ashumet Valley Remedial System Operational Summary (Operational Period: January 2011 – June 2011)

ETI System

- Approximately 77 million gallons of groundwater treated
- One carbon exchange (20 January 2011)
- AV Plant A (95EW0703) influent concentrations (Figure 16)
 - PCE concentrations ranged from 3.7 to 6.3 µg/L
 - TCE concentrations ranged from 2.3 to 3.1 µg/L
- 4.6 pounds of PCE and TCE removed (Jan 11 – June 11)
 - 3.0 pounds of PCE and 1.6 pounds of TCE
- 320 pounds of PCE and TCE removed (Nov 99 – June 11)
 - 207 pounds of PCE and 113 pounds of TCE
- Well Performance
 - 95EW0703 operated at average of 294 gpm or 84% of 350 gpm design flow**

**includes 14 days of downtime for well maintenance in February 2011

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Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation Ashumet Valley Remedial System Operational Summary (Operational Period: January 2011 – June 2011)

ETI System Electrical Usage and Air Emissions (Table 2)

- COC mass removed by ETI system = 4.6 lbs
- Estimated VOC mass potentially emitted assuming traditional New England power mix = 10 lbs
- Estimated VOC mass emitted considering contributions from AFCEE wind turbine and green power purchases = 2 lbs

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Table 3

		1/1/2011 to 6/30/2011	System Startup (8/2009) to 6/30/2011
Volume of Groundwater Treated (million gallons)		45	163
Groundwater COC Mass Removal (pounds)		5.75	2.36
Electrical Usage (MWH)		70	246
Estimated Air Emissions ¹ (based on electrical usage)	CO ₂	46	161
	NO _x	39	347
	PM ₁₀₋₁₀	6	20
	SO _x	263	925
	VOCs	3	12
Estimated Reduction in Air Emissions due to Green Power Purchases ¹	CO ₂	23	81
	NO _x	49	173
	PM ₁₀₋₁₀	3	10
	SO _x	132	462
	VOCs	1.7	6.1
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation ¹	CO ₂	15	28
	NO _x	32	60
	PM ₁₀₋₁₀	2	3
	SO _x	86	161
	VOCs	1.1	2.1
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	CO ₂	8	52
	NO _x	17	113
	PM ₁₀₋₁₀	1	6
	SO _x	46	301
	VOCs	0.6	3.9

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

Notes:

1. The estimated air emissions presented in this table are based on the assumption that Unit A0002009, the power plant to operate the MMV remedial systems, was provided by the Mount Carmel Station in Illinois and not by the Peach. The power plant primarily produced electricity generated by the combustion of fuel oil and has been offline since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMV utility data from APCOE's Health & Safety Assessment Software (<http://www.healthassessment.com/central/EMAP-and-emission-factors-obtained-from-the-federal-air-pollution-source-inventory.aspx>).
2. <http://www.eia.doe.gov/data.cfm?id=2222222>
3. Emissions that is purchased of electricity from renewable sources beginning 1/1/2009.
4. The estimated air emissions of APCOE-related units before the start of 1/1/2009.

Key:
 COC = contaminant of concern
 DT = within 1000 ft reported in tons
 ETU = extraction, treatment, and discharge
 MMR = Massachusetts Military Reservation
 MW = megawatt hours
 N = nitrogen gases reported in pounds
 PAH = polycyclic aromatic hydrocarbons reported in pounds
 P = particulate matter with a diameter of 10 micrometers or less reported in pounds
 S = sulfur dioxide reported in pounds
 VOC = volatile organic compounds reported in pounds

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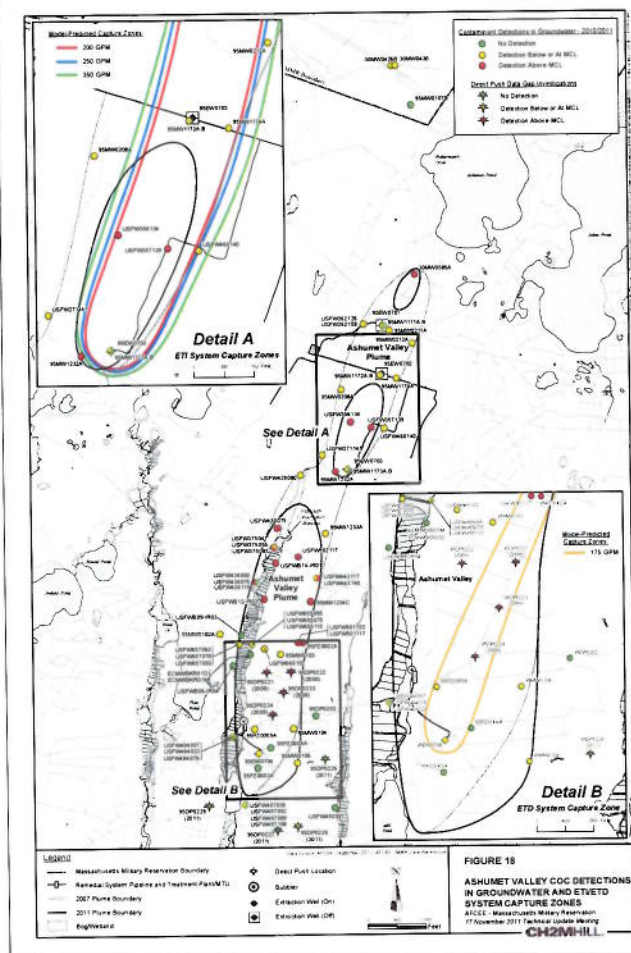
Page 1 of 1

**Ashumet Valley 2011 Annual/Triennial
SPEIM Data Presentation**

Ashumet Valley ETI System (95EW0703) Optimization Evaluation

- Review Animations from Final ROD (Alternative 7m).
- Overall, monitoring data indicate plume clean up occurring faster than predicted by modeling performed in support of final ROD.
- Collapse of the eastern and western edges of plume in central zone and declining influent concentrations suggest need for optimization of 95EW0703.
- Modeling based capture zone analysis (Figure 18) indicates flow reduction to 200 or 250 gpm should maintain plume capture and improve remedial performance (i.e., capture of less "clean" water).
- Recommend flow testing at 95EW0703 to determine optimal flow rate:
 - 200 gpm for 2 months (Dec & Jan); collect influent samples during routine monthly plant sampling.
 - 250 gpm for 2 months (Feb & Mar); collect influent samples during routine monthly plant sampling.
 - Report results during Technical Update Meeting at end of flow test in April 2012.

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**Ashumet Valley 2011 Annual/Triennial
SPEIM Data Presentation**

Ashumet Valley ETD System (95EW0704) Optimization Evaluation

- Review Animations from Final ROD (Alternative 7m).
- Concentration trends at and near 95EW0704 suggest no COC MCL exceedances remain in groundwater in vicinity of extraction well (Figure 17).
- However, PCE concentrations ranging up to 55 µg/L were detected approximately 1,000 to 3,000 feet upgradient of the 95EW0704 location during a 2008 data gap investigation (direct push locations 95DP0221, 95DP0223, 95DP0224 on Figure 18).
- Recommend installation of 4 direct push vertical profiles borings as data gap investigation upgradient of 95EW0704 (Figure 19).
- Optimization opportunities to be evaluated based on direct push results

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Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation

Conclusions

- SPEIM data collected in the central plume zone indicate that:
 - The western and eastern boundaries of the plume near 95EW0703 are collapsing; contaminant mass remains upgradient of 95EW0703
 - Consistent with the CSM, monitoring data suggest that the plume has been cut off to the south due to the operation of 95EW0703
 - No PCE MCL exceedances exist in the vicinity of 95EW0702 or to the north
 - TCE concentrations above the MCL remain north of 95EW0701; data collection underway near 30MW0585A and plume boundary and LUC area to be re-assessed
- SPEIM data collected in the southern plume zone indicate that:
 - MCL exceedances remain in groundwater below the northern section of the Backus River/bogs and along the eastern edge of plume in southern zone
 - MCL exceedances are scarce at wells located in the southern portion of the plume in the southern zone
 - Monitoring and direct push data gap investigation data confirm that the leading edge of the plume has not advanced south beyond Rt. 28 or is present on the west side of Mill Pond – minor revisions to LUC boundary recommended (Figure 14)

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Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation

Conclusions (continued)

- LTM data collected in the area west of Ashumet Pond indicate that:
 - Manganese concentrations remain above the EPA HA; however, concentrations have declined when compared to historic results and are expected to continue to decline.
 - No or low detections of thallium in this area are consistent with prior USGS sampling results – continued monitoring for thallium not warranted.
 - The risk of exposure to groundwater containing manganese at concentrations above the EPA HA will be managed under the LUC Program.
- Backus River Surface Water and Irrigation System:
 - The plume continues to discharge to the northern reach of the Backus River, however, no COC MCL exceedances in surface water during 2011.
 - COC concentrations in irrigation system samples during 2011 remain lower than values that were previously evaluated for potential health effects and found to be acceptable.

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Ashumet Valley 2011 Annual/Triennial SPEIM Data Presentation

Conclusions (continued)

- The goals of the Ashumet Valley Remedial System are being met
 - A comparison of the updated plume extent (based on the 2010 triennial and 2011 annual SPEIM dataset) and the transport simulations presented in the ROD indicate that the plume is cleaning up faster than predicted.
 - The ETI system is operating as intended; however due to plume collapse and decreasing influent concentrations, optimized operation of 95EW0703 should be further investigated by performing a flow test.
 - Uncertainty exists in the extent of the plume near and upgradient of 95EW0704; direct push data gap investigation is planned to provide data to support optimization evaluation.

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ATTACHMENT B

11 May 2011 Technical Update Meeting
Ashmet Valley Leading Edge Data Gap Investigation - Spring 2011
Groundwater Vertical Profile Results
Direct Push Location: 95DP0228
Northern end of Amaga Way

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Depth (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
03/24/11	A	30	35	32.5	3.5	ND	ND
03/24/11	B	40	45	42.5	-6.5	ND	ND
03/24/11	C	50	55	52.5	-16.5	ND	ND
03/24/11	D	60	65	62.5	-26.5	ND	ND
03/24/11	E	70	75	72.5	-36.5	ND	ND
03/28/11	F	80	85	82.5	-46.5	ND	ND
03/28/11	G	90	95	92.5	-56.5	ND	ND
03/28/11	H	100	105	102.5	-66.5	ND	ND
04/12/11	I	110	115	112.5	-76.5	ND	ND
04/12/11	J	120	125	122.5	-86.5	HR	ND

All data preliminary and un-audited

Key:

BOS = bottom of sample interval
BRL = below reporting level (>10 µg/L)
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
µg/L = micrograms per liter

Approximate elevation of ground surface is 36 ft msl.
Water level at 32.85 ft bgs (approx.)
Boring refusal was obtained at 126 ft bgs (-90 ft msl).

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11 May 2011 Technical Update Meeting
Ashmet Valley Leading Edge Data Gap Investigation - Spring 2011
Groundwater Vertical Profile Results
Direct Push Location: 95DP0229
Prince Henry Drive

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Depth (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
04/14/11	A	30	35	32.5	5.5	ND	ND
04/14/11	B	40	45	42.5	-4.5	ND	ND
04/14/11	C	50	55	52.5	-14.5	ND	ND
04/14/11	D	60	65	62.5	-24.5	ND	ND
04/14/11	E	70	75	72.5	-34.5	ND	ND
04/14/11	F	80	85	82.5	-44.5	ND	ND
04/15/11	G	90	95	92.5	-54.5	ND	ND
04/15/11	H	100	105	102.5	-64.5	ND	ND

All data preliminary and un-audited

Key:

BOS = bottom of sample interval
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected

PCE = perchloroethylene
TCE = trichloroethylene
TOS = top of sample interval
µg/L = micrograms per liter

Approximate elevation of ground surface is 38 ft msl.
Water level at 32.85 ft bgs (approx.)
Boring refusal was obtained at 105.5 ft bgs (-67.5 ft msl).

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Ashmet Valley Leading Edge Data Gap Investigation Update Conclusions and Recommendations

- Direct push drilling results, combined with data collected from monitoring wells in the SPEIM program, indicate the AV plume has not migrated past Route 28.
- Therefore, the existing LUC boundary is appropriate for the current plume extent.
- The southern extent of the AV plume is generally consistent with the transport simulations presented in the 2009 Record of Decision.
- To supplement the SPEIM chemical network, a new monitoring well (95MW1235A) will be installed at the location of 95DP0228 - target screen interval 120-125 ft bgs (-84 to -89 ft msl) - pending approval from Town of Falmouth.
- New monitoring well 95MW1235A will be added to the AV SPEIM network and sampled triennially (TE) for VOC analysis (baseline Summer 2011; TE Fall 2013).
- The AV plume boundary will be updated based on the results of the Fall 2010 SPEIM triennial sampling event and this data gap investigation.
- The updated plume boundary will be presented at an upcoming Technical Update Meeting as part of the AV 2011 SPEIM Triennial Data Presentation.

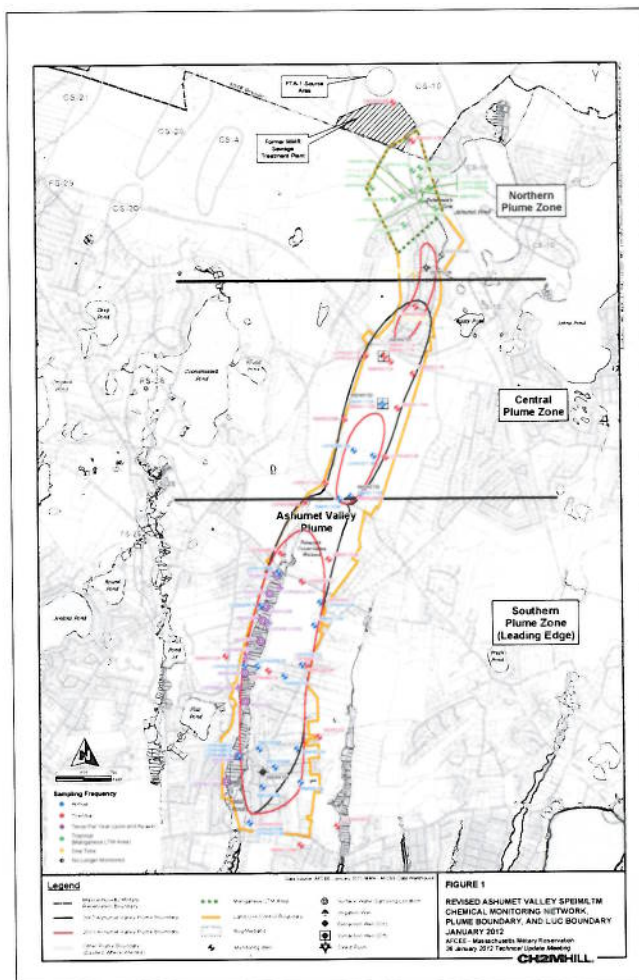
ATTACHMENT C

Ashumet Valley Data Gap Investigation Update

26 January 2012 Technical Update Meeting

Overview

- Direct push and monitoring well results – Area north of 95MW0585 (Figure 1)
 - Re-sampling of monitoring well 30MW0585A; one-time sampling of 30MW0585B and 95MW1170B
 - 1 Direct push vertical profile borings completed (95DP0234)
 - Plume Boundary and LUC Boundary Updated (Figure 1)
- Direct push data gap investigation results – Area north of 95EW0704 (Figure 2)
 - 4 Direct push vertical profile borings completed (95DP0230 through 95DP0233)
 - Discuss path forward for optimization of 95EW0704



26 January 2012 Technical Update Meeting
Ashumet Valley LUC Area Data Gap Investigation - Winter 2011/12
Groundwater Vertical Profile Results
Direct Push Location 95DP0234

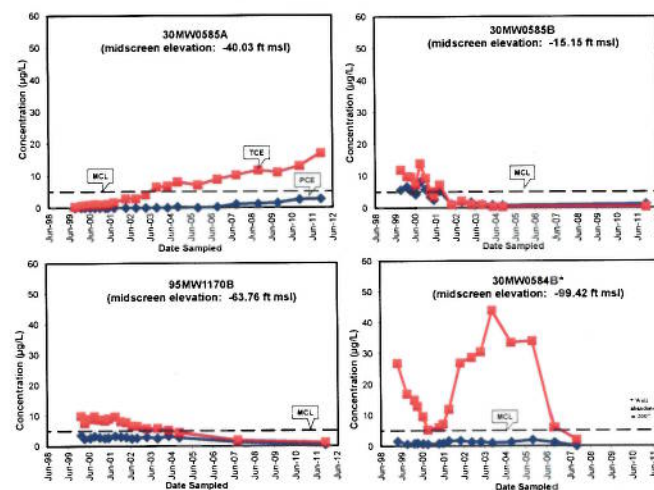
Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BGS (ft bgs)	Mid-Depth (ft bgs)	Mid-Depth (ft msl)	PCE (µg/L)	TCE (µg/L)
12-06-11	A	25	30	27.5	36.5	ND	ND
12-06-11	B	35	40	37.5	28.5	ND	ND
12-06-11	C	45	50	47.5	18.5	ND	ND
12-06-11	D	55	60	57.5	8.5	ND	ND
12-06-11	E	65	70	67.5	-3.5	ND	ND
12-07-11	F	75	80	77.5	-11.5	ND	ND
12-07-11	G	85	90	87.5	-21.5	ND	ND
12-07-11	H	95	100	97.5	-31.5	ND	ND
12-07-11	I	105	110	107.5	-41.5	BRL	ND
12-07-11	J	115	120	117.5	-51.5	BRL	BRL
12-07-11	K	125	130	127.5	-61.5	BRL	ND
12-07-11	L	135	140	137.5	-71.5	BRL	1-4.5
12-09-11	M	145	150	147.5	-81.5	BRL	2-8.5
12-09-11	N	155	160	157.5	-91.5	BRL	BRL
12-09-11	O	165	170	167.5	-101.5	1.2-5	14.5
12-09-11	P	175	180	177.5	-111.5	1.7-5	7.2-8
12-12-11	Q	185	190	187.5	-121.5	ND	BRL
12-12-11	R	195	200	197.5	-131.5	ND	BRL
12-13-11	S	205	210	207.5	-141.5	ND	ND

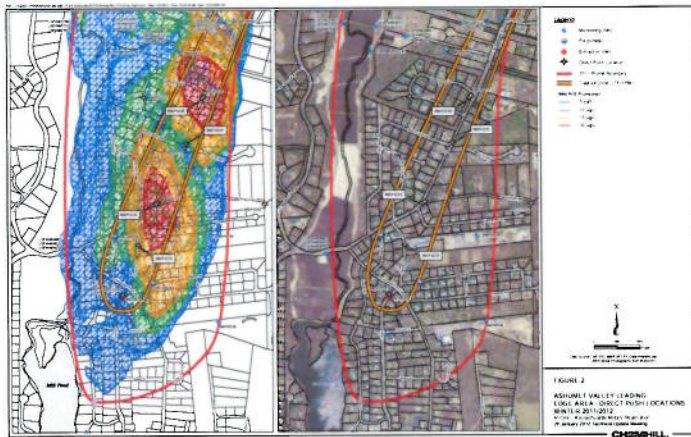
Data Source: AUC/ELMOR Data Warehouse January 2012

Key:
B/GS: Bottom of sample interval
BRL: Below reporting level (1 µg/L)
BGS: Bottom of ground surface
BMS: Bottom of monitoring screen
MCL: Maximum Contaminant Level
ND: Not Detected

PCE: Trichloroethylene
TCE: Trichloroethene
TOS: Top of sample interval
µg/L: micrograms per liter

Approximate elevation of ground surface is 88 ft msl
Water Level at 21-2 ft bgs (approx.)
Average offset was measured at 120 ft bgs (154 ft msl)





26 January 2012 Technical Update Meeting

Ashurst Valley Southern Phase Zone Data Gap Investigation - Winter 2008

Consideration of Vertical Profile Results									
Direct Peak Location: WSDP0212									
Date	Sample	Depth (T10)	Depth (B10)	Min Depth	Max Depth	PCE (avg L)	TCK (avg L)		
Sampled	Interval	(ft) (ft)	(ft) (ft)	(ft) (ft)	(ft) (ft)	(ft) (ft)	(ft) (ft)	avg L	avg L
01/15/08	1	10	10	10	10	10	10	10	10
01/15/08	2	10	10	10	10	10	10	10	10
01/15/08	3	10	10	10	10	10	10	10	10
01/15/08	4	10	10	10	10	10	10	10	10
01/15/08	5	10	10	10	10	10	10	10	10
01/15/08	6	10	10	10	10	10	10	10	10
01/15/08	7	10	10	10	10	10	10	10	10
01/15/08	8	10	10	10	10	10	10	10	10
01/15/08	9	10	10	10	10	10	10	10	10
01/15/08	10	10	10	10	10	10	10	10	10
01/15/08	11	10	10	10	10	10	10	10	10
01/15/08	12	10	10	10	10	10	10	10	10
01/15/08	13	10	10	10	10	10	10	10	10
01/15/08	14	10	10	10	10	10	10	10	10
01/15/08	15	10	10	10	10	10	10	10	10
01/15/08	16	10	10	10	10	10	10	10	10
01/15/08	17	10	10	10	10	10	10	10	10
01/15/08	18	10	10	10	10	10	10	10	10
01/15/08	19	10	10	10	10	10	10	10	10
01/15/08	20	10	10	10	10	10	10	10	10

Date Source: APT/TS MSH Data Warehouse, February 2008

Key: N/A - Not Investigated

R10 - Below opening level (1.0 ft)

R15 - Below opening level (1.5 ft)

R20 - Below opening level (2.0 ft)

R25 - Below opening level (2.5 ft)

R30 - Below opening level (3.0 ft)

R35 - Below opening level (3.5 ft)

R40 - Below opening level (4.0 ft)

R45 - Below opening level (4.5 ft)

R50 - Below opening level (5.0 ft)

R55 - Below opening level (5.5 ft)

R60 - Below opening level (6.0 ft)

R65 - Below opening level (6.5 ft)

R70 - Below opening level (7.0 ft)

R75 - Below opening level (7.5 ft)

R80 - Below opening level (8.0 ft)

R85 - Below opening level (8.5 ft)

R90 - Below opening level (9.0 ft)

R95 - Below opening level (9.5 ft)

R100 - Below opening level (10.0 ft)

R105 - Below opening level (10.5 ft)

R110 - Below opening level (11.0 ft)

R115 - Below opening level (11.5 ft)

R120 - Below opening level (12.0 ft)

R125 - Below opening level (12.5 ft)

R130 - Below opening level (13.0 ft)

R135 - Below opening level (13.5 ft)

R140 - Below opening level (14.0 ft)

R145 - Below opening level (14.5 ft)

R150 - Below opening level (15.0 ft)

R155 - Below opening level (15.5 ft)

R160 - Below opening level (16.0 ft)

R165 - Below opening level (16.5 ft)

R170 - Below opening level (17.0 ft)

R175 - Below opening level (17.5 ft)

R180 - Below opening level (18.0 ft)

R185 - Below opening level (18.5 ft)

R190 - Below opening level (19.0 ft)

R195 - Below opening level (19.5 ft)

R200 - Below opening level (20.0 ft)

R205 - Below opening level (20.5 ft)

R210 - Below opening level (21.0 ft)

R215 - Below opening level (21.5 ft)

R220 - Below opening level (22.0 ft)

R225 - Below opening level (22.5 ft)

R230 - Below opening level (23.0 ft)

R235 - Below opening level (23.5 ft)

R240 - Below opening level (24.0 ft)

R245 - Below opening level (24.5 ft)

R250 - Below opening level (25.0 ft)

R255 - Below opening level (25.5 ft)

R260 - Below opening level (26.0 ft)

R265 - Below opening level (26.5 ft)

R270 - Below opening level (27.0 ft)

R275 - Below opening level (27.5 ft)

R280 - Below opening level (28.0 ft)

R285 - Below opening level (28.5 ft)

R290 - Below opening level (29.0 ft)

R295 - Below opening level (29.5 ft)

R300 - Below opening level (30.0 ft)

R305 - Below opening level (30.5 ft)

R310 - Below opening level (31.0 ft)

R315 - Below opening level (31.5 ft)

R320 - Below opening level (32.0 ft)

R325 - Below opening level (32.5 ft)

R330 - Below opening level (33.0 ft)

R335 - Below opening level (33.5 ft)

R340 - Below opening level (34.0 ft)

R345 - Below opening level (34.5 ft)

R350 - Below opening level (35.0 ft)

R355 - Below opening level (35.5 ft)

R360 - Below opening level (36.0 ft)

R365 - Below opening level (36.5 ft)

R370 - Below opening level (37.0 ft)

R375 - Below opening level (37.5 ft)

R380 - Below opening level (38.0 ft)

R385 - Below opening level (38.5 ft)

R390 - Below opening level (39.0 ft)

R395 - Below opening level (39.5 ft)

R400 - Below opening level (40.0 ft)

R405 - Below opening level (40.5 ft)

R410 - Below opening level (41.0 ft)

R415 - Below opening level (41.5 ft)

R420 - Below opening level (42.0 ft)

R425 - Below opening level (42.5 ft)

R430 - Below opening level (43.0 ft)

R435 - Below opening level (43.5 ft)

R440 - Below opening level (44.0 ft)

R445 - Below opening level (44.5 ft)

R450 - Below opening level (45.0 ft)

R455 - Below opening level (45.5 ft)

R460 - Below opening level (46.0 ft)

R465 - Below opening level (46.5 ft)

R470 - Below opening level (47.0 ft)

R475 - Below opening level (47.5 ft)

R480 - Below opening level (48.0 ft)

R485 - Below opening level (48.5 ft)

R490 - Below opening level (49.0 ft)

R495 - Below opening level (49.5 ft)

R500 - Below opening level (50.0 ft)

R505 - Below opening level (50.5 ft)

R510 - Below opening level (51.0 ft)

R515 - Below opening level (51.5 ft)

R520 - Below opening level (52.0 ft)

R525 - Below opening level (52.5 ft)

R530 - Below opening level (53.0 ft)

R535 - Below opening level (53.5 ft)

R540 - Below opening level (54.0 ft)

R545 - Below opening level (54.5 ft)

R550 - Below opening level (55.0 ft)

R555 - Below opening level (55.5 ft)

R560 - Below opening level (56.0 ft)

R565 - Below opening level (56.5 ft)

R570 - Below opening level (57.0 ft)

R575 - Below opening level (57.5 ft)

R580 - Below opening level (58.0 ft)

R585 - Below opening level (58.5 ft)

R590 - Below opening level (59.0 ft)

R595 - Below opening level (59.5 ft)

R600 - Below opening level (60.0 ft)

R605 - Below opening level (60.5 ft)

R610 - Below opening level (61.0 ft)

R615 - Below opening level (61.5 ft)

R620 - Below opening level (62.0 ft)

R625 - Below opening level (62.5 ft)

R630 - Below opening level (63.0 ft)

R635 - Below opening level (63.5 ft)

R640 - Below opening level (64.0 ft)

R645 - Below opening level (64.5 ft)

R650 - Below opening level (65.0 ft)

R655 - Below opening level (65.5 ft)

R660 - Below opening level (66.0 ft)

R665 - Below opening level (66.5 ft)

R670 - Below opening level (67.0 ft)

R675 - Below opening level (67.5 ft)

R680 - Below opening level (68.0 ft)

R685 - Below opening level (68.5 ft)

R690 - Below opening level (69.0 ft)

R695 - Below opening level (69.5 ft)

R700 - Below opening level (70.0 ft)

R705 - Below opening level (70.5 ft)

R710 - Below opening level (71.0 ft)

R715 - Below opening level (71.5 ft)

R720 - Below opening level (72.0 ft)

R725 - Below opening level (72.5 ft)

R730 - Below opening level (73.0 ft)

R735 - Below opening level (73.5 ft)

R740 - Below opening level (74.0 ft)

R745 - Below opening level (74.5 ft)

R750 - Below opening level (75.0 ft)

R755 - Below opening level (75.5 ft)

R760 - Below opening level (76.0 ft)

R765 - Below opening level (76.5 ft)

R770 - Below opening level (77.0 ft)

R775 - Below opening level (77.5 ft)

R780 - Below opening level (78.0 ft)

R785 - Below opening level (78.5 ft)

R790 - Below opening level (79.0 ft)

R795 - Below opening level (79.5 ft)

R800 - Below opening level (80.0 ft)

R805 - Below opening level (80.5 ft)

R810 - Below opening level (81.0 ft)

R815 - Below opening level (81.5 ft)

R820 - Below opening level (82.0 ft)

R825 - Below opening level (82.5 ft)

R830 - Below opening level (83.0 ft)

R835 - Below opening level (83.5 ft)

R840 - Below opening level (84.0 ft)

R845 - Below opening level (84.5 ft)

R850 - Below opening level (85.0 ft)

R855 - Below opening level (85.5 ft)

R860 - Below opening level (86.0 ft)

R865 - Below opening level (86.5 ft)

R870 - Below opening level (87.0 ft)

R875 - Below opening level (87.5 ft)

R880 - Below opening level (88.0 ft)

R885 - Below opening level (88.5 ft)

R890 - Below opening level (89.0 ft)

R895 - Below opening level (89.5 ft)

R900 - Below opening level (90.0 ft)

R905 - Below opening level (90.5 ft)

R910 - Below opening level (91.0 ft)

R915 - Below opening level (91.5 ft)

R920 - Below opening level (92.0 ft)

R925 - Below opening level (92.5 ft)

R930 - Below opening level (93.0 ft)

R935 - Below opening level (93.5 ft)

R940 - Below opening level (94.0 ft)

R945 - Below opening level (94.5 ft)

R950 - Below opening level (95.0 ft)

R955 - Below opening level (95.5 ft)

R960 - Below opening level (96.0 ft)

R965 - Below opening level (96.5 ft)

R970 - Below opening level (97.0 ft)

R975 - Below opening level (97.5 ft)

R980 - Below opening level (98.0 ft)

26 January 2012 Technical Update Meeting
Ashmet Valley Leading Edge Data Gap Investigation - Winter 2011/12
Groundwater Vertical Profile Results
Direct Push Location 95DP0233
Crocker Road (near Tavares Nursery)

Date Sampled	Sample Interval	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Depth (ft msl)	PCE (µg/L) MCL = 5 µg/L	TCE (µg/L) MCL = 5 µg/L
01/17/12	A	20	25	22.5	10.5	ND	ND
01/17/12	B	30	35	32.5	0.5	ND	ND
01/17/12	C	40	45	42.5	-9.5	ND	ND
01/19/12	D	50	55	52.5	-19.5	ND	ND
01/19/12	E	60	65	62.5	-29.5	ND	ND
01/19/12	F	70	75	72.5	-39.5	ND	ND
01/19/12	G	80	85	82.5	-49.5	ND	ND
01/19/12	H	90	95	92.5	-59.5	ND	ND
01/20/12	I	100	105	102.5	-69.5	ND	ND

All data preliminary and unvalidated

Key:

BOS = bottom of sample interval

ft bgs = feet below ground surface

ft msl = feet mean sea level

MCL = Maximum Contaminant Level

ND = Not Detected

PCE = Tetrachloroethene

TCE = Trichloroethene

TOS = top of sample interval

µg/L = micrograms per liter

Approximate elevation of ground surface is 33 ft msl

Water Level at 23.0 ft bgs (approx)

Boring refusal was obtained at 104.9 ft bgs (-71.9 ft msl)

M:\Projects\2005\Technical Services\Ashmet Valley\Data\Direct Push Vertical Profiles\AV_Direct push & sonic groundwater screening results_December 2011\95DP0233

